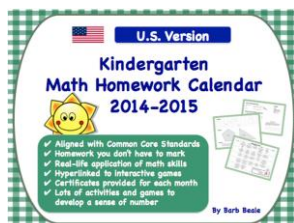
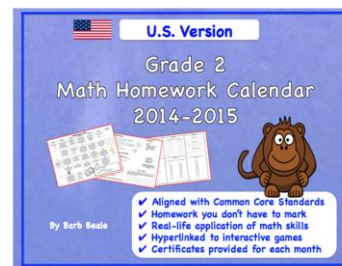


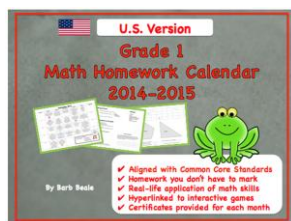
Grade 2 Mathematics Homework Calendar 2014-2015

U.S. Curriculum

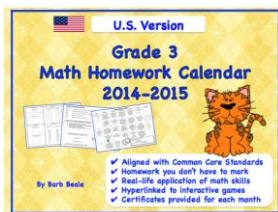
Also available:



Kindergarten Math Homework - U.S. Calendar 2014-2015






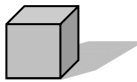



Grade 1 Math Homework - U.S. Calendar 2014-2015



Grade 3 Math Homework - U.S. Calendar 2014-2015

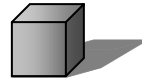
Click on the titles to
view U.S.
Math Calendars
for other primary
grades in
My Store.

September 2014

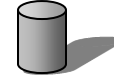
| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|---|--|--|---|---|---|---|
| | <p>1</p> <p>Check with an adult to ensure you know your phone number.</p>  | <p>2</p> <p>Write down your address. Repeat it to an adult until you know it without help.</p> <p>Record on the attached sheet.</p> | <p>3</p> <p>Numbers can be found in your clothes to show sizes. What size are you shirts, pants and shoes? Compare them to another family member's sizes.</p> | <p>4</p> <p>List 7 items in your home with numbers on them. Draw and label them.</p> <p>Record on the attached sheet.</p> | <p>5</p> <p>On the attached Hundred's Grid #1, write down the numbers from 1 to 30. Check your work with an adult.</p> | 6 |
| 7 | <p>8</p> <p>On the attached Hundred's Grid #1, cover every second number to 30 with an object. Check your work with an adult. Count the numbers out loud.</p> | <p>9</p> <p>With adult help, continue to write in the numbers from 30 to 100 on the attached Hundred's Grid #1.</p> | <p>10</p> <p>On the attached Hundred's Grid #1, cover every 10th number with an object. What patterns do you see? Tell an adult.</p> | <p>11</p> <p>On the attached Hundred's Grid #1, count by 5's to 100 and check (✓) as you count the numbers.</p> | <p>12</p> <p>Write the number words from 1 to 10. (e.g., one, two...) Practice three times to spell them correctly.</p> <p>Record on the attached sheet.</p> | 13 |
| 14 | <p>15</p> <p>Count forwards to 100 by 5's. Count backwards from 100 by 10's.</p> | <p>16</p> <p>Count forwards by 5's from 50 to 100. Write the numbers as you count.</p> | <p>17</p> <p>On the attached Hundred's Grid #1, color the boxes red if the number has a '2' in it.</p> | <p>18</p> <p>On the attached Hundred's Grid #1, color blue lightly over the numbers between 4 and 10.</p> | <p>19</p> <p>Create a <u>math story</u> about a girl or boy having 5 dogs and 3 run away.</p> <p>Record on the attached sheet.</p> | <p>20</p>  |
| 21 | <p>22</p> <p>On the attached Hundreds Grid #1, cover every 5th number with an object. Record the numbers you covered.</p> | <p>23</p> <p>Write down 5 things you would see in a store that have numbers on them. Record on the attached sheet.</p>  | <p>24</p> <p>On the attached Grid #2, write only the missing numbers in the correct squares. Have an adult check your work.</p> | <p>25</p> <p>Find 10 <u>cylinder</u> shapes in your home. Make a list of your findings.</p> <p>Record on the attached sheet.</p> | <p>26</p> <p>Find 3-dimensional <u>cubes</u> in your home. Draw your findings and label them.</p>  | <p>27</p> <div> <p>Fast Counting Games!</p> </div> |
| <p>28</p>  | <p>29</p> <p>Play a board game or assemble a puzzle with a friend or family member.</p> | <p>30</p> <p>Practice counting forwards from 100 to 200 by 5's and 10's. Count out loud.</p> | <div>  </div> <div> <p>Interactive Computer Websites:</p> <p>abcya.com - Numbers chart to 100 - 1 Beginner Numbers chart to 100 - 2 Challenge</p> <p>sheppardsoftware.com - Balloon Pop Math Skip Count (by 2, 5 and 10)</p> </div> <div>  </div> | | | |

Glossary of Mathematical Words

cube - a 3-dimensional solid shape that has six equal square sides



cylinder - a 3-dimensional shape that resembles a can with parallel circles on the ends



math story - using words to tell a problem

or
word problem

example: $4 + 5 = 9$ in words could be:

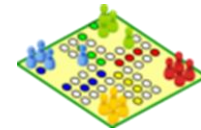
*Jane had 4 dogs and Ben had 5 dogs.
When they went for a walk in the park and let
them play, they had 9 dogs altogether.*

Materials

workbook
pencil
colored crayons
small objects

Common Core State Standards and Learning Goals For The Month

- ❖ Understand some real-life applications of numbers
- ❖ Make sense of problems and persevere in solving them (MP1)
- ❖ Count forwards by 1's, 5's and 10's (2.NBT.2)
- ❖ Solve word problems with numbers to represent a problem (2.OA)
- ❖ Write number words from 1 to 10 (2.NBT.3)
- ❖ Count and write numbers (2.NBT.2)



Board games, puzzles and card games are a fabulous way to teach countless math concepts in a fun way.

Completed Mathematics Homework Coupon

Child's Name

Parent's Signature

Parent Comments

If you are having difficulties getting your child to do an activity each night, try letting your child pick which activities they would like to start with. When they feel they are making the choices, they will enjoy getting into the routine of doing homework more easily.

A parent must sign this coupon when the activities are complete.
Bring this coupon and your homework to school at the end of each month.

Hundred's Grid # 1







| | | | | | | | | | |
|---|--|--|--|--|--|--|----|--|--|
| 1 | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | 48 | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

Grid # 2





| | | | | |
|--|----|--|----|--|
| | | | | |
| | | | | |
| | 12 | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | 39 | |

Write **only** these missing numbers in the correct squares:

5, 14, 29, 36, 18, 21

| <p align="center">Your Address</p> <p align="center">Write down your address. Repeat it to an adult until you know it without help.</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <div align="center">  </div> | <p align="center">Items With Numbers</p> <p align="center">List 7 items in your home with numbers on them. Draw and label them.</p> <table border="0"> <thead> <tr> <th></th> <th align="center">Items</th> <th align="center">Pictures</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>telephone</td> <td></td> </tr> <tr><td>2.</td><td>_____</td><td></td></tr> <tr><td>3.</td><td>_____</td><td></td></tr> <tr><td>4.</td><td>_____</td><td></td></tr> <tr><td>5.</td><td>_____</td><td></td></tr> <tr><td>6.</td><td>_____</td><td></td></tr> <tr><td>7.</td><td>_____</td><td></td></tr> <tr><td>8.</td><td>_____</td><td></td></tr> </tbody> </table> | | Items | Pictures | 1. | telephone |  | 2. | _____ | | 3. | _____ | | 4. | _____ | | 5. | _____ | | 6. | _____ | | 7. | _____ | | 8. | _____ | | <p align="center">Number Words</p> <p align="center">Write the number words from 1 to 5 (e.g., one, two). Practice several times to spell them correctly.</p> <p>1. _____ 2. _____</p> <p>3. _____ 4. _____</p> <p>5. _____</p> <p align="center">Check with an adult. Copy your list 2 more times.</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> |
|---|---|--|--------------|-----------------|----|-----------|---|----|-------|--|----|-------|--|----|-------|--|----|-------|--|----|-------|--|----|-------|--|----|-------|--|---|
| | Items | Pictures | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. | telephone |  | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5. | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6. | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7. | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8. | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p align="center">Math Story</p> <p align="center">Create a math story about a girl or boy having 5 dogs and 3 run away.</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <div align="center">  </div> | <p align="center">Numbers in Stores</p> <p align="center">Write down 5 things you would see in a store that have numbers on them.</p> <p>1. _____</p> <p>2. _____</p> <p>3. _____</p> <p>4. _____</p> <p>5. _____</p> | <p align="center">Cylinder Shapes</p> <p align="center">Find 10 cylinder shapes in your home. Make a list of your findings.</p> <div align="right">  </div> <p>1. <u>can of soup</u> 6. _____</p> <p>2. _____ 7. _____</p> <p>3. _____ 8. _____</p> <p>4. _____ 9. _____</p> <p>5. _____ 10. _____</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | |

October 2014

| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|---|--|--|---|--|---|--|
| Interactive Computer Websites: fuelthebrain.com - Ice Blocker abcy.com - Moon Rock Patterns Days of the Week Months of the Year sheppardsoftware.com - Fruit Shoot Number Words | | | 1 Color the attached pattern blocks , using the specified colors. Cut out the colored pattern blocks and save them for activities over the next week. | 2 Using the pattern blocks, make a person. Which shape is the most used and which is the least used? | 3 Create a pattern using 5 shapes. On paper continue your <u>pattern</u> for 10 more shapes. Explain your <u>patterning rule</u> . | 4  |
| 5 | 6 Create a pattern using 6 shapes. On paper continue your pattern for 12 more shapes. Explain your patterning rule. | 7 Using the attached calendar, what is the date of the 3 rd Wednesday in October? What is the date of the 4 th Friday in October? | 8 Complete the doubles flashcards. Practice them with an adult. <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;"> $2 + 2 =$ </div> | 9 There are 22 children in class. Four children go home for lunch. How many stay? Show your work. Record on the attached sheet. | 10 Look at the enclosed calendar. List the months with 31 days. Which month has less than 30 days? Record on the attached sheet. | |
| 12 | 13 Which months start on a Tuesday? Which months start on a Friday? Use the attached calendar to help you. Write your findings. | 14 How many days in 1 week, 2 weeks, 3 weeks, 4 weeks? Record your work. What patterns do you see? Record on the attached sheet. | 15 Using the attached calendar, how many days are there from July 4 th to July 28 th ? Show your counting on the calendar. | 16 Using the attached calendar, how many Mondays are there in the months of February, March and April? Circle the days on your calendar. | 17 Write the numbers words from 1 to 10. (e.g., one, ...) | 18 |
| 19  | 20 Help write a shopping list. Use a grocery flyer to help you. Write down the prices of 10 of the items. | 21 Practice your flashcards with an adult. <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;"> $8 + 8 =$ </div> | 22 Continue these two patterns. Color using two colors. <div style="display: flex; flex-wrap: wrap; justify-content: space-around; margin-top: 10px;"> <div>● ▲ ● ▲</div> <div>△ ♥ △ ♥</div> </div> | 23 How many wheels on: 2 bicycles 4 bicycles 7 bicycles Record on the attached sheet. | 24 Play a board game or complete a puzzle with a friend or family member.  | 25 |
| 26 | 27 Create a pattern using shape and color. Explain your rules. Record on the attached sheet. | 28 Write which number comes between: 150 _____ 152 164 _____ 166 139 _____ 141 119 _____ 121 128 _____ 130 | 29 Circle the greater number: 194 or 149 167 or 176 122 or 121 129 or 192 116 or 161 | 30 Practice your flashcards with an adult. | 31 How many legs on 4 cows, 2 dogs, and 3 chickens? Show your work. Record on the attached sheet. |  |

Glossary of Mathematical Words

pattern

- something that repeats itself over and over in an organized way

example:



patterning rule

- the reason why the pattern is an actual pattern

example: The two shapes above alternate in an A, B, A, B pattern from circle to triangle, circle to triangle and it repeats three times.

Materials

workbook

pencil

crayons or pencil crayons

scissors

flashcards (included)

grocery flyer

pattern blocks (included)

calendar of year (included)

Common Core State Standards and Learning Goals For The Month

- ❖ Understand some real-life applications of numbers
- ❖ Make sense of problems and persevere in solving them (MP1)
- ❖ Identify 2-dimensional shapes (2.G.1)
- ❖ Fluently add and subtract within 20 using mental strategies (2.OA.2)
- ❖ Problem solve using strategies with numbers (2.OA.1)
- ❖ Read and print whole number words from 1 to 10 (2.NBT.3)
- ❖ Order numbers to 200 (2.OA.1)
- ❖ Work with money using \$ and ¢ symbols appropriately (2.MD.8)



Jigsaw puzzles are terrific for developing problem solving strategies and patience. The reward comes when the puzzle is completed.

Completed Mathematics Homework Coupon

Parent Comments

Child's Name

Parent's Signature

What kinds of activities are you finding challenging for your child?

A parent must sign this coupon when the activities are complete.
Bring this coupon and your homework to school at the end of each month.

Lunch At School

There are 22 children in class.
4 children go home for lunch.
How many stay?

Pictures

Numbers

Words

Show your work.

Pictures

Numbers

Words

Days in Each Month

Look at the attached calendar. List the months with 31 days. Which month has less than 30 days?

Months with 31 days:

Make
sure you
spell
each
month
properly.

The month with less than 30 days is:

Months with 31 days:

[illegible]

Make
sure you
spell
each
month
properly.

The month with less than 30 days is:

Days in the Weeks

How many days in 1 week, 2 weeks,
3 weeks, 4 weeks?
Record your work.

1 week = _____

2 weeks = _____

3 weeks = _____

4 weeks = _____

What patterns do you see?

1 week = _____

2 weeks = _____

3 weeks = _____

4 weeks = _____

What patterns do you see?

Bicycle and Tricycle Wheels

How many wheels on:

| | |
|------------|-------------|
| 2 bicycles | 2 tricycles |
| 4 bicycles | 4 tricycles |
| 7 bicycles | 7 tricycles |

2 bicycles

2 tricycles

4 bicycles

4 tricycles

7 bicycles

7 tricycles

Legs on Animals

How many legs on 4 cows, 2 dogs,
and 3 chickens? Draw pictures to show your work.

Shape and Color Patterns

Create a pattern using shape and color.

Explain your rules.

Shape and Color Patterns

Create a pattern using shape and color.

Explain your rules.

Calendar for 2015

January

| Su | Mo | Tu | We | Th | Fr | Sa |
|----|----|----|----|----|----|----|
| | | | | 1 | 2 | 3 |
| 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 25 | 26 | 27 | 28 | 29 | 30 | 31 |

February

| Su | Mo | Tu | We | Th | Fr | Sa |
|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 |

March

| Su | Mo | Tu | We | Th | Fr | Sa |
|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 29 | 30 | 31 | | | | |

April

| Su | Mo | Tu | We | Th | Fr | Sa |
|----|----|----|----|----|----|----|
| | | | 1 | 2 | 3 | 4 |
| 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| 26 | 27 | 28 | 29 | 30 | | |

May

| Su | Mo | Tu | We | Th | Fr | Sa |
|----|----|----|----|----|----|----|
| | | | | | 1 | 2 |
| 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 31 | | | | | | |

June

| Su | Mo | Tu | We | Th | Fr | Sa |
|----|----|----|----|----|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 |
| 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| 28 | 29 | 30 | | | | |

July

| Su | Mo | Tu | We | Th | Fr | Sa |
|----|----|----|----|----|----|----|
| | | | 1 | 2 | 3 | 4 |
| 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| 26 | 27 | 28 | 29 | 30 | 31 | |

August

| Su | Mo | Tu | We | Th | Fr | Sa |
|----|----|----|----|----|----|----|
| | | | | | | 1 |
| 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| 30 | 31 | | | | | |

September

| Su | Mo | Tu | We | Th | Fr | Sa |
|----|----|----|----|----|----|----|
| | | 1 | 2 | 3 | 4 | 5 |
| 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| 27 | 28 | 29 | 30 | | | |

October

| Su | Mo | Tu | We | Th | Fr | Sa |
|----|----|----|----|----|----|----|
| | | | | 1 | 2 | 3 |
| 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 25 | 26 | 27 | 28 | 29 | 30 | 31 |

November

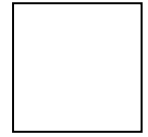
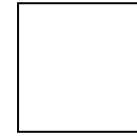
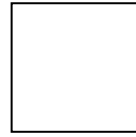
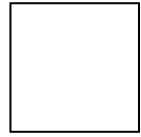
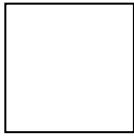
| Su | Mo | Tu | We | Th | Fr | Sa |
|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 29 | 30 | | | | | |

December

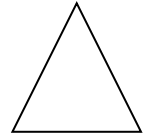
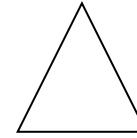
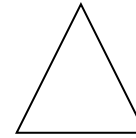
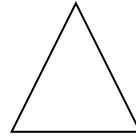
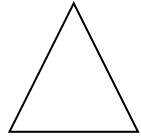
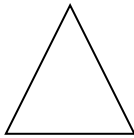
| Su | Mo | Tu | We | Th | Fr | Sa |
|----|----|----|----|----|----|----|
| | | 1 | 2 | 3 | 4 | 5 |
| 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| 27 | 28 | 29 | 30 | 31 | | |

Pattern Blocks

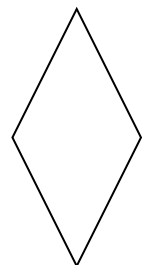
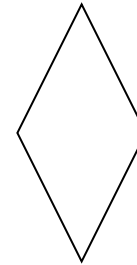
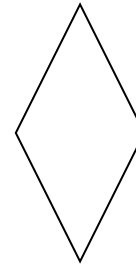
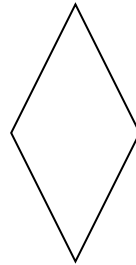
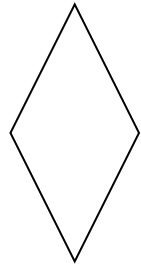
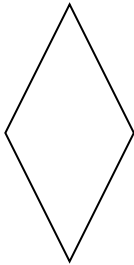
Color these
squares orange.



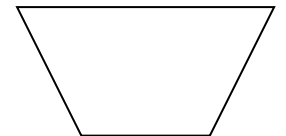
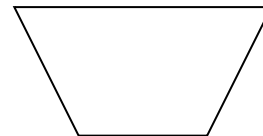
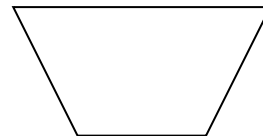
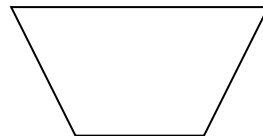
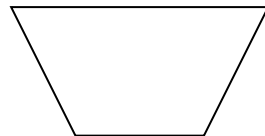
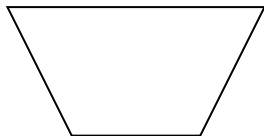
Color these
triangles
green.



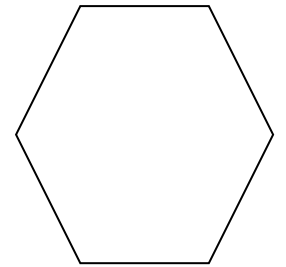
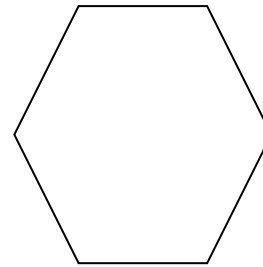
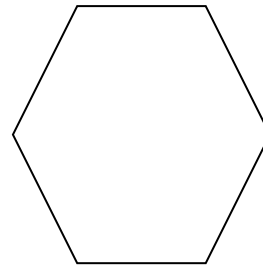
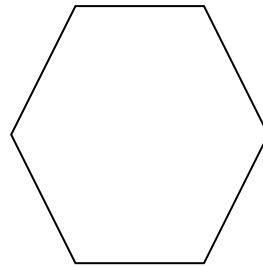
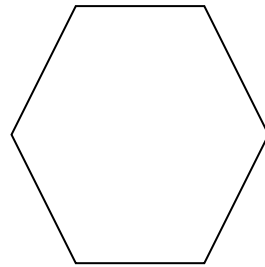
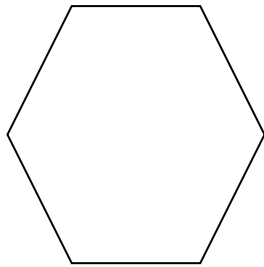
Color these
parallelograms
blue.




Color these
trapezoids
red.



Color these
hexagons
yellow.



Put the answer on the back of each card.
Save these flashcards in an envelope  for use in the following months.

$2 + 2$

$6 + 6$

$10 + 10$

$10 - 4$

$3 + 3$

$7 + 7$

$10 - 1$

$10 - 5$

$4 + 4$

$8 + 8$

$10 - 2$

$10 - 6$

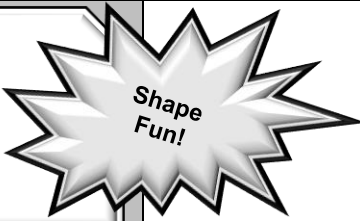

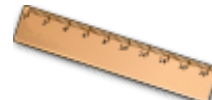


$5 + 5$

$9 + 9$

$10 - 3$

$10 - 7$

November 2014

| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|---|--|--|---|--|--|---|
| <p>Interactive Computer Websites:</p> <p>sheppardsoftware.com - On Time 1 and 2 - Area Shape Game</p> <p>apples4theteacher.com - Measure the Teddy Bears</p> <p>primarygames.com - Number Eaters</p> | | |  | | | 1 |
| 2  | 3 On the attached sheet, <u>estimate</u> how many pennies (or other small counters) will fit on the <u>face</u> of Shape A . Check and count. | 4 Estimate how many pennies (or other small counters) will fit on the face of attached Shape B . Check to see how close your estimate was. | 5 Estimate how many pennies (or other small counters) will fit on the face of attached Shape C . How close were you? | 6 Using counters, first estimate and then measure the lengths of the attached A, B, and C lines . | 7 Find 5 items that measure between 10 and 12 <u>inches</u> in length. Draw them and write down their lengths. Record on the attached sheet. | 8  |
| 9 | 10 A child is about 3 feet tall. List 5 other things that are about 3 feet tall. Record on the attached sheet. | 11 Measure these body parts in centimeters: arm leg head foot wrist ankle Record on the attached sheet. | 12 How many inches are in 1 yard? List 5 things you would measure in yards. | 13 Look at the month of November. How many days from the 6 th to the 24 th ? How many days from the 10 th to the 27 th ? | 14 Look at the month of November. How many days from the 5 th to the 20 th ? How many days from the 3 rd to the 17 th ? | 15 |
| 16 | 17 Draw an accurate ruler showing 1 to 12 inches. Do attached Question 1 . | 18 With adult help, do attached Question 2 . Record your findings. | 19 Measure 10 kitchen objects in inches. Order them from smallest to largest. Record on the attached sheet. | 20 Practice drawing the hands on the <u>face clocks</u> for the given times. Record on the attached sheet. | 21 Draw the hands on the face clocks to show the given times. Record on the attached sheet. | 22  |
| 23 | 24 Noel's birthday is November 7 th . Jen's is November 23 rd . How many days apart are their birthdays? | 25 How many days are there between November 2 nd and November 29 th ? How many full weeks are in the month of November? | 26 Write the number words for 11 to 20. (e.g., eleven) | 27 Name 5 things that are about 1 inch long. Use words to write down why we measure.  | 28 Practice your saved flashcards with an adult. | 29 |
| 30 | | | | | | |

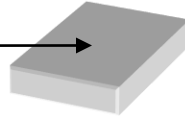
Glossary of Mathematical Words

centimeters - metric unit of measurement used to measure short distances

estimate - a logical guess before actually measuring

face - the flat surface of a shape

face



face clock - a clock that shows the numerals, minutes, hours and hands (also know as an analogue clock)

metre - metric unit of measurement
100 cm = 1 metre



Materials

workbook
pencil
pennies or other small counters
scissors
ruler
a shoe



Common Core State Standards and Learning Goals For The Month

- ❖ Understand some real-life applications of numbers
- ❖ Make sense of problems and persevere in solving them (MP1)
- ❖ Reason abstractly and quantitatively (MP2)
- ❖ Estimate and measure objects in inches and centimeters (2.MD.1 and .3)
- ❖ Tell and write time to the hour (2.MD.7)
- ❖ Write numbers in words (2.NBT.3)
- ❖ Draw a number line with equally spaced points corresponding to numbers (2.MD.6)
- ❖ Fluently add and subtract within 20 using mental strategies (2.OA.2)

Completed Mathematics Homework Coupon

Child's Name

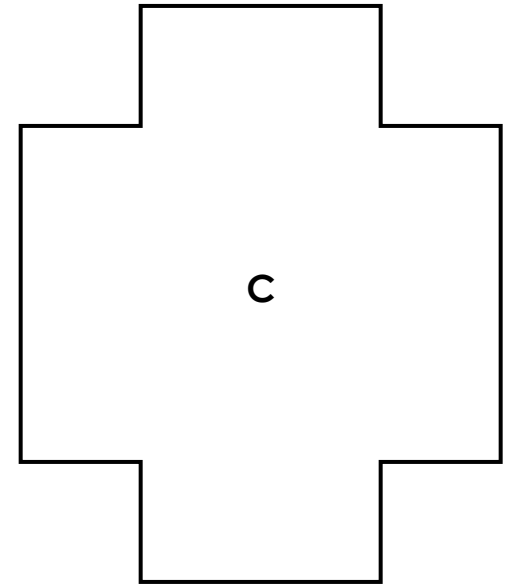
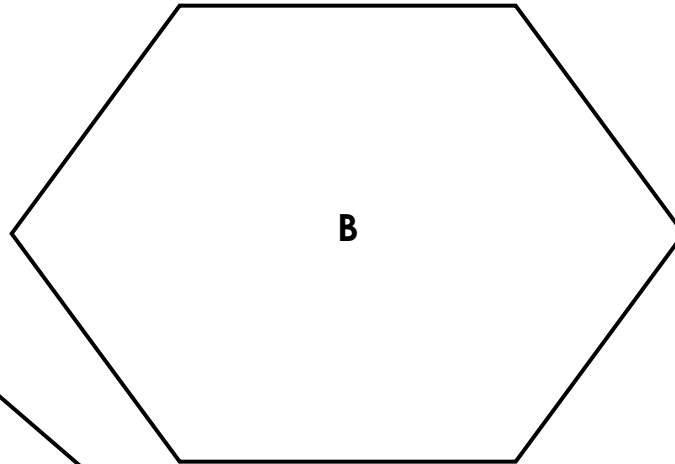
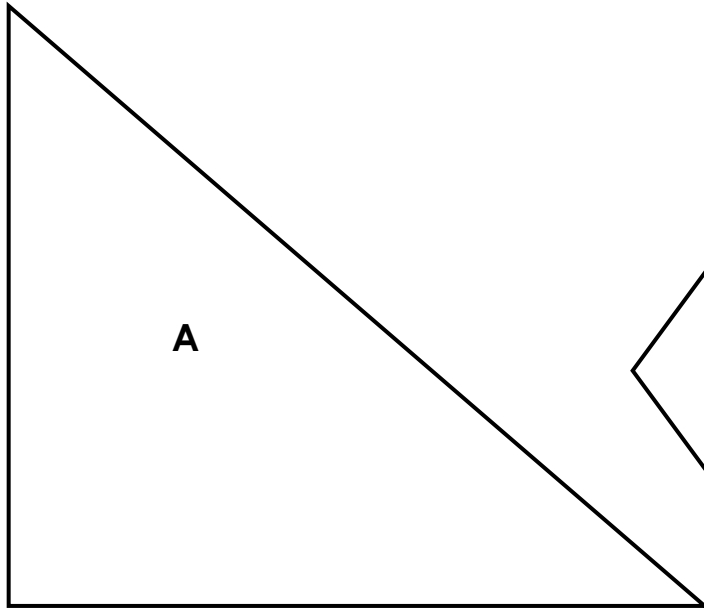
Parent's Signature

A parent must sign this coupon when the activities are complete.
Bring this coupon and your homework to school at the end of each month.

Parent Comments

Did you find any of these activities too difficult or too easy? How were you able to adjust the questions to simplify them or create more of a challenge?

Shapes to Measure



Line A _____

Line B _____

Line C _____

Question 1

Use your ruler to tell how many inches (in.) the following objects are:

a favorite book _____

your baby finger _____

a phone _____

a dollar bill _____

a pencil _____

a paperclip _____

a teaspoon _____

a cup _____

Question 2 **Measuring Benchmarks**

With an adult, find a part of your body that measures as close to 1 inch as possible.

With an adult, find a way to know how much a yard is.

(Try: length of a part of your finger, big step)

Measuring in Inches

Find 5 items that measure between 10 and 12 inches in length.

Draw them and write down their lengths.

Item

Length

1. _____
2. _____
3. _____
4. _____
5. _____

Measuring Body Parts

Measure these body parts in centimeters:

arm

leg

head

foot

wrist

ankle

Items 1 Yard Tall

A child is about 1 yard tall.
List 5 other things that are about 1 yard tall.



Measuring Kitchen Objects

Measure 10 kitchen objects in inches.
Order them from smallest to largest.

(smallest)

(largest)

Drawing Clocks

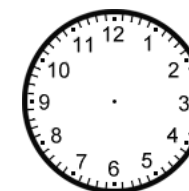
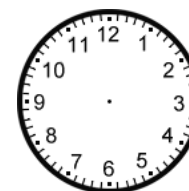
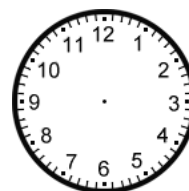
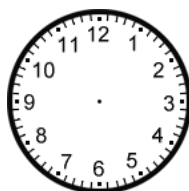
Practice drawing analogue clocks for:

7 o'clock

2 o'clock

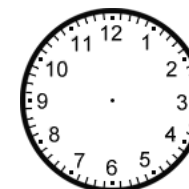
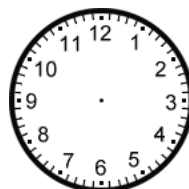
9:30

1:30





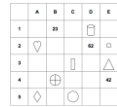
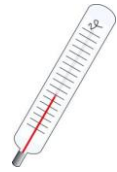






8 o'clock

11:30



December 2014

| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|--|--|---|--|---|---|---|
|  | 1 Begin the attached weather <u>graph</u> today. Keep track of the weather for 1 week. | 2 Cut out the attached flashcards and practice them with an adult.  Keep track of the weather again today on your graph. | 3 Count how many different kinds of stuffed animals (or other collectible items) you have. Graph your results on attached Activity A . Track the weather too. | 4 Practice your flashcards with an adult.  Continue to keep track of the weather on your graph. | 5 Look at a few cereal boxes. Look at the numbers on each box. In terms of math, how are they <u>similar</u> ? How are they different? | 6  |
| 7 | 8 Keep track of the weather today on your graph. Practice all of your saved flashcards with adult help. | 9 Which weather was the most common? Which weather was the least common? Share your ideas with an adult. | 10 Draw the other half of the picture for Activity B on the attached sheets. Color both sides so they are <u>symmetrical</u> . | 11 Complete Activity C on the attached sheets.  | 12 Complete Activity D on the attached sheets. Place shapes or answers in boxes. Write clues. Ask someone to solve your puzzle. | 13 |
| 14  | 15 Keep track of the daytime temperatures for 5 days. Record on the attached sheet. | 16 Practice your flashcards.  Keep track of the daytime temperatures. | 17 Practice all of your flashcards. Keep track of the daytime temperatures. | 18 Practice all of your flashcards.  Keep track of the daytime temperatures. | 19 Complete your final thermometer today. Tell an adult what you learned. Write 3 things down that you learned. | 20 |
| 21 | 22 Play a place value game. Combine groups of hundreds, tens and ones that an adult tells you. For example, "What is the total of 1 hundred, 3 tens and 6 ones?" You respond, "136." Continue playing until you can respond quickly. Then try going backwards. They say the number and you have to tell the number of hundreds, tens and ones. | 23 Play a board game, assemble a jigsaw puzzle or play a card game with a friend or family members.  | 24 Play a board game, assemble a jigsaw puzzle or play a card game with a friend or family members. | 25 Jaymes collected baseball cards. He had 54 cards and was given 25 more. How many did he have in total? Use place value to show your calculations. | 26 Nadine collected 32 large shells and 43 small shells on her vacation. How many shells did she collect in all? Use place value to show your calculations. | 27  |
| 28 | 29 With adult help, find a 5-day forecast of the weather on the internet, newspaper or TV. List three things you discovered from hearing a weather forecast. | 30 If the weather forecast for today was snowy with a temperature of 25°F, what activities could you do? | 31 If the weather forecast for today was rainy with a temperature of 60°F, what activities could you do? | Interactive Computer Websites: www.fuelthebrain.com - Number and Operations - Math Match - Bathtub Battle (size and more/less) www.primarygames.com - Math - Complete Number Sentences | | |

Glossary of Mathematical Words

| | |
|--------------------|---|
| graph | - information displayed on a horizontal and vertical axis in an organized, sorted manner |
| similar | - the same, alike |
| symmetrical | - exactly the same on one side as on the other |
| tally | - a quick gathering of information based on the same criteria example: What different kinds of weather did we have this month? rainy - 3 days, snowy - 2 days, hail - 4 days, sunny - 6 days |

Materials

workbook
pencil
counters
scissors
cereal boxes
collectibles
flashcards (included)



Common Core State Standards and Learning Goals For The Month

- ❖ Understand some real-life applications of numbers
- ❖ Make sense of problems and persevere in solving them (MP1)
- ❖ Reason abstractly and quantitatively (MP2)
- ❖ Gather and organize data that answers a question (2.MD.10)
- ❖ Read and describe charts, organizers and graphs (2.MD.10)
- ❖ Demonstrate understanding of data by comparing and making statements (2.MD.10)
- ❖ Gather, represent and interpret data (2.MD.10)
- ❖ Fluently add and subtract within 20 using mental strategies (2.OA.2)
- ❖ Problem solve and represent numbers to 100 (2.OA.1)

Completed Mathematics Homework Coupon

Parent Comments

Do you find any of these activities to be too difficult or too easy?













Child's Name

Parent's Signature

A parent must sign this coupon when the activities are complete.
Bring this coupon and your homework to school at the end of each month.

Color in as many boxes as necessary
to match the weather each day.

Weather Graph

| | | Day 1 | Day 2 | Day 3 | Day 4 | Day 5 | Day 6 | Day 7 |
|---------------|---|-------|-------|-------|-------|-------|-------|-------|
| cloudy |  | | | | | | | |
| sunny |  | | | | | | | |
| partly cloudy |  | | | | | | | |
| rainy |  | | | | | | | |
| snowy |  | | | | | | | |
| cold |  | | | | | | | |
| cool |  | | | | | | | |
| warm |  | | | | | | | |
| hot |  | | | | | | | |
| calm |  | | | | | | | |
| breezy |  | | | | | | | |
| windy |  | | | | | | | |

Activity A

_____ **Graph**

| | | | | | |
|---|--|--|--|--|--|
| 6 | | | | | |
| 5 | | | | | |
| 4 | | | | | |
| 3 | | | | | |
| 2 | | | | | |
| 1 | | | | | |
| | | | | | |

Kinds of _____


Activity B

Survey your family and/or friends to find out what their favorite flavor of ice cream is.

Record your findings here.

Survey your family and/or friends to find out what their favorite season is.

Record your findings here.

Put the answer on the back of each card.
Save these flashcards in an envelope  for use in the following months.

$2 + 3$

$2 + 7$

$10 - 2$

$10 - 7$

$2 + 4$

$2 + 8$

$10 - 3$

$10 - 8$

$2 + 5$

$2 + 9$

$10 - 4$

$10 - 9$









$2 + 6$

$2 + 10$

$10 - 6$

$10 - 10$

Activity C

| | A | B | C | D | E |
|---|---|---|---|---|---|
| 1 | | 23 | |  | |
| 2 |  | | | 62 |  |
| 3 | | |  | |  |
| 4 | |  | | | 42 |
| 5 |  | |  | | |

What is the location of the circle? _____

What is the location of the small square? _____

What is the location of the triangle? _____

What is the location of 2 tens and 3 ones? _____

What is the location of 6 tens and 2 ones? _____

What is the location of the heart? _____

What is the location of the cylinder? _____

What is the location of the rhombus? _____

Put a letter on E1.

Draw a bear on A4.



Activity D

Place shapes or answers in the boxes. Write clues. Ask someone to solve your puzzle.

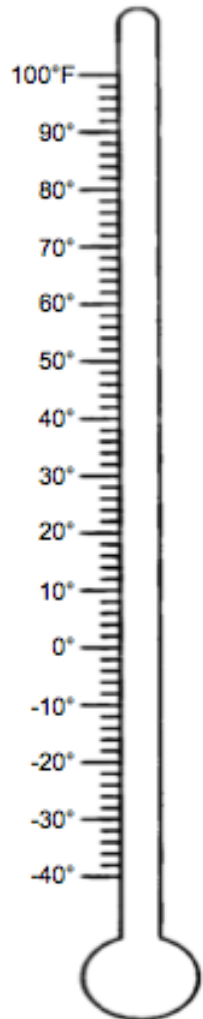
| | A | B | C | D | E |
|---|---|---|---|---|---|
| 1 | | | | | |
| 2 | | | | | |
| 3 | | | | | |
| 4 | | | | | |

| |
|--|
| |
| |
| |
| |

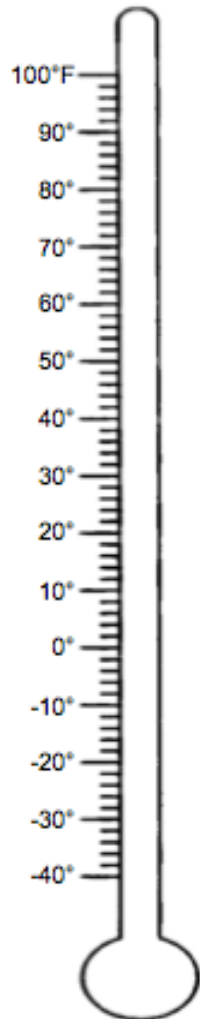
Thermometers

Color the thermometers to show the correct temperature each day.

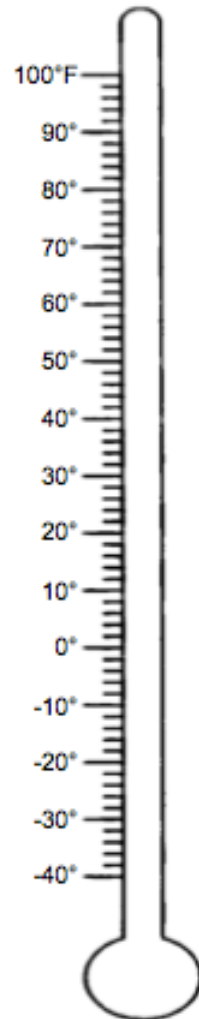
Day 1



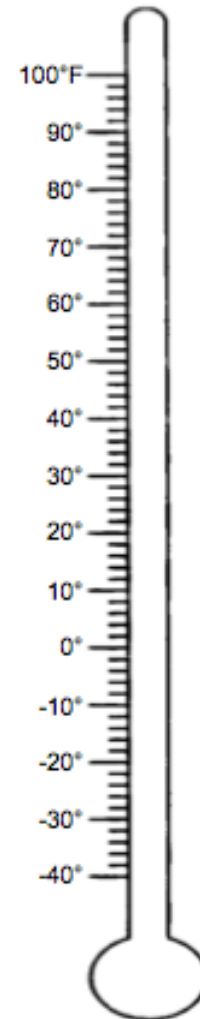
Day 2



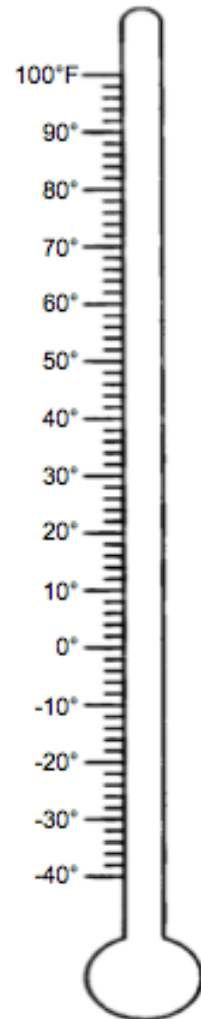
Day 3





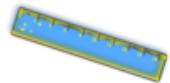

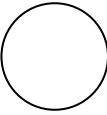
Day 4




Day 5



January 2015

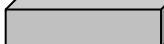
| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|--|---|---|---|--|--|--|
| Interactive Computer Websites: sheppardsoftware.com - Fruit Splat Place Value - Pop Up Math Addition and Subtraction - Math Lines - Subtract 3 | | |  | 1 Think about what you'd like to get better at in mathematics. Write it down. Talk to an adult to come up with some strategies to achieve success. Write them down too. | 2 Assemble a jigsaw puzzle or play a board game with a family member or friend. | 3  |
| 4 | 5 Complete the attached flashcards and practice them with an adult. <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;"> $9 - 3 =$ </div> | 6 Set a timer to figure out how long it takes to do the attached frog question. Record on the attached sheet. | 7 Practice your flashcards with a family member. Try to recall the answers as quickly as you can. | 8 List 10 things to do on a day with a temperature of 40°F. Record on the attached sheet. | 9 Write out the <u>ordinal numbers</u> in words from 1 to 10. (e.g., first, second) | 10 |
| 11 | 12 Add: 100 + 4 tens + 3 ones 800 + 6 tens + 6 ones 900 + 9 tens + 9 ones 700 + 3 tens + 7 ones 200 + 1 ten + 1 one | 13 Show the following times on face clocks: 12:30 6:30 4:30 2:30 7:30 | 14 Numbers can be found on jars, cans and containers in your kitchen. Find 6 different containers and record some of the numbers you find. | 15 Trace carefully around 4 different sized circles on a piece of paper. Divide as follows: Circle 1 – 2 equal parts Circle 2 – 4 equal parts Circle 3 – 3 equal parts | 16 Find 6 objects in your room that you can measure with a ruler. Draw and record your findings.  | 17 |
| 18 | 19 Add: 200 + 7 tens + 2 ones 300 + 6 tens + 4 ones 500 + 2 tens + 5 ones 400 + 8 tens + 8 ones 300 + 1 ten + 9 ones | 20 Practice all of your flashcards with an adult. <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;"> $3 + 6 =$ </div> | 21 List ten things you could do on a day with a temperature of 90°F. | 22 Practice all of your flashcards with an adult. | 23 Find 2 objects in your home that you can measure with a ruler. Which one is longer than the other? How much longer is it? Explain how you would figure it out. | 24 |
| 25  | 26 Tell when you need: cold water warm water hot water Draw and write to share your ideas. | 27 One friend says you can ice skate when the temperature is 20°F. Another friend says you can swim when it is 20°F. Who is right? Explain why. | 28 Practice all of your flashcards with an adult. | 29 Carefully shade $\frac{1}{2}$ red.  Create 4 other shapes and shade in $\frac{1}{2}$ of each. | 30 Print the whole word for each day. Sun. Mon. Tues. Wed. Thurs. Fri. Sat. | 31 |

Glossary of Mathematical Words

cube - a 3-dimensional shape that has six equal square sides 

ordinal numbers - ordering of numbers with words
example: first, second, third, fourth, fifth

pyramid - a 3-dimensional shape with a square base 

rectangular prism - a 3-dimensional shape with 6 rectangular sides 

Materials

workbook
pencil
timer
thermometer
straws or toothpicks
crayons
containers of food
flashcards (included)
scissors



Common Core State Standards and Learning Goals For The Month

- ❖ Construct viable arguments and critique the reasoning of others (MP3)
- ❖ Measure intervals of time (2.MD.7)
- ❖ Fluently add and subtract within 20 using mental strategies (2.OA.2)
- ❖ Represent numbers to 100 using base ten materials (2.NBT.1)
- ❖ Tell and write time (2.MD.7)
- ❖ Determine the relationship between fractional parts and wholes (2.G.3)
- ❖ Partition circles into fractions of equal shares (2.G)
- ❖ Measure lengths of objects with a ruler (2.MD.1)
- ❖ Determine how much longer one object is than another (2.MD.4)

Completed Mathematics Homework Coupon

Parent Comments

Which activities do you find require a lot of extra adult help?

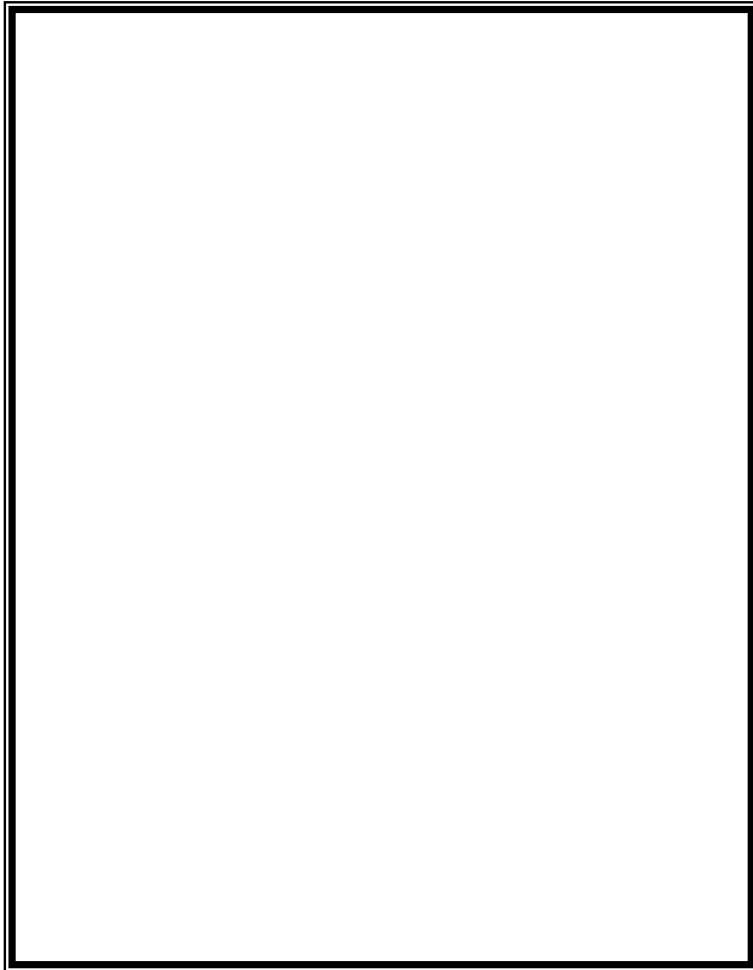
Child's Name

Parent's Signature

A parent must sign this coupon when the activities are complete.
Bring this coupon and your homework to school at the end of each month.

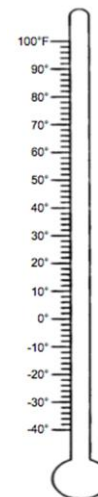
Catching Frogs

Pamela caught frogs one day.
First she caught 4 small frogs but 1 hopped away.
She later caught 3 large frogs and 2 more small ones.
How many frogs did Pamela have altogether?
Draw pictures to show your work.




Outdoor Activities

List 10 outdoor activities you could do
on a day when the temperature is 40°F.



Color the
thermometer
to show 40°C.

Put the answer on the back of each card.
Save these flashcards in an envelope  for use in the following months.

$3 + 2$

$3 + 7$

$11 - 3$

$7 - 3$

$3 + 4$

$3 + 8$

$10 - 3$

$6 - 3$

$3 + 5$

$3 + 9$

$9 - 3$

$5 - 3$


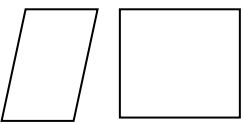




$3 + 6$

$3 + 10$

$8 - 3$

$4 - 3$

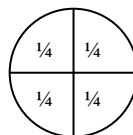
February 2015

| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|--|---|--|--|---|---|---|
| 1 | 2 Write out the <u>ordinal numbers</u> in words from 11 to 20. Record on the attached sheet. | 3 Do <u>coin rubbings</u> on a piece of paper. Label the coins on the paper.  | 4 Count dimes, nickels and pennies to total .75¢. Find three different ways to get there. | 5 Shade both shapes $\frac{1}{4}$ blue.  | 6 Find four ways to show 60¢. Draw the coins for each combination. Record on the attached sheet. | 7 |
| 8 | 9 Circle which is more: 7 + 3 or 4 + 8 2 + 6 or 9 + 1 11 + 12 or 10 + 11 20 + 6 or 18 + 7 | 10 Draw 4 dogs. How many legs altogether? Draw 6 people. Are there more people legs or dog legs? | 11 Count to 100¢ with quarters. Then count by nickels and finally dimes to 100¢. Finally, combine the different coins to get to 100¢. | 12 Put a variety of coins in a bag. Pull 2 coins out. Total the coins. Record. Do it 5 times. Try pulling out 3 coins at a time. | 13 Show the <u>fraction</u> $\frac{1}{2}$ with a square, circle and rectangle. | 14  |
| 15 | 16 Play a board game or assemble a puzzle with a friend or family member.  | 17 Practice writing the number words from 9 to 20. (e.g., nine....) Check you spelling with an adult. | 18 Diana does the dishes every Saturday and Tuesday. How many times does she do the dishes this month? Show your work. | 19 With adult help, count by nickels, dimes and quarters to \$1.00. Record the coin combinations 5 different ways. | 20 Put a variety of coins in a bag. Pull 3 coins out. Total the coins. Record. Do it 5 times. Try pulling out 4 coins at a time. | 21  |
| 22 | 23 Add: $5¢ + 10¢ + 1¢ =$ $1¢ + 25¢ + 5¢ =$ $1¢ + 1¢ + 25¢ =$ $25¢ + 1¢ + 5¢ + 1¢ =$ | 24 Complete and practice the attached flashcards with an adult. Save them for future use. | 25 Complete the addition grids. Record on the attached sheet. | 26 With adult help, figure out how many hours you were at school today. Practice your flashcards with an adult. | 27 If you go to school for about six hours everyday, how much time do you spend at school in one week? How many in two weeks? | 28 |
|  | | | | Interactive Computer Websites: sheppardsoftware.com - Money Games - Money Matching Level 1 - Money Matching Level 2 - Money Matching Level 3 sheppardsoftware.com - Simple Fractions 1 and 2 abcya.com - Drop Sum | | |

Glossary of Mathematical Words

coin rubbings - place coins under white paper and gently rub a crayon or pencil crayon on top of the paper (the imprint of the coin should be visible)

fraction - the equal division of a shape or quantity of things
example: This circle is divided into 4 quarters.



ordinal numbers - ordering of numbers with words
example: first, second, third, fourth, fifth

Materials

workbook
scissors
pencil
colored pencils
flashcards (included)
coins
bag

Common Core State Standards and Learning Goals For The Month

- ❖ Identify various coins and their value when combined (2.MD.8)
- ❖ Determine the relationship between fractional parts and wholes (2.G.3)
- ❖ Count a collection of coins up to one dollar (2.MD.8)
- ❖ Fluently add and subtract within 20 using mental strategies (2.OA.2)
- ❖ Measure and record time (2.MD.7)
- ❖ Identify greater than (>) and less than (<) (2.NBT.4)
- ❖ Problem solve to gain understanding of multiplication (2.OA)
- ❖ Read and write numbers (2.NBT.3)



Completed Mathematics Homework Coupon

Child's Name

Parent's Signature

A parent must sign this coupon when the activities are complete.
Bring this coupon and your homework to school at the end of each month.

Parent Comments

Your child will best learn how to problem solve with money by actually using real money. Check off any of these ideas if you do them.

- a) Your child pays for an item in a store. ____
- b) Counting different combinations of coins at home. ____
- c) Sorting coins and counting the totals of each value. ____
- d) Practicing with an adult to make change using coins. ____
- e) Adding and subtracting to find totals. ____

Ordinal Numbers

Write out the ordinal numbers in words from 11 to 20.

11th _____

12th _____

13th _____

14th _____

15th _____

16th _____

17th _____

18th _____

19th _____

20th _____

Showing .60¢

First way to show .60¢

Second way to show .60¢

Third way to show .60¢

Fourth way to show .60¢


| | | | |
|--|--|--|--|
| | | | |
|--|--|--|--|

Addition Grids

| + | 0 | 1 | 2 | 3 |
|---|---|----------|---|---|
| 1 | | | | |
| 2 | | | | |
| 3 | | | | |
| 4 | | 5 | | |
| 5 | | | | |

| + | 2 | 4 | 5 | 6 |
|---|---|---|----------|---|
| 0 | | | | |
| 2 | | | 7 | |
| 4 | | | | |
| 6 | | | | |
| 8 | | | | |

| + | 1 | 3 | 5 | 7 |
|---|---|---|---|---|
| 1 | | | | |
| 3 | | | | |
| 5 | | | | |
| 7 | | | | |
| 9 | | | | |

Put the answer on the back of each card.
Save these flashcards in an envelope  for use in the following months.

$4 + 1$

$4 + 6$

$4 + 10$

$11 - 4$

$4 + 2$

$4 + 7$

$14 - 4$

$10 - 4$

$4 + 3$

$4 + 8$

$13 - 4$

$9 - 4$





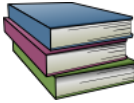

$4 + 5$

$4 + 9$

$12 - 4$

$7 - 4$

March 2015

| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|---|---|---|--|--|--|--|
| 1 | 2 Complete Activity A on the attached sheets.  | 3 If Jared has 30 questions to do for homework and he has done 17, how many does he still have to do? Record on the attached sheet. | 4 Draw hands on the <u>face clocks</u> to show the following times: 6:15 2:15 10:15 Record on the attached sheet. | 5 How many cups are there in 4 rows of 3? Show your work. Record on the attached sheet. | 6 Draw face clocks to show the following times: 4:15 12:15 3:15 | 7  |
| 8 | 9 Complete Activity B on the attached sheet. | 10 Practice the attached flashcards with an adult. Save them to use in the future. | 11 Practice your saved flashcards with an adult. <div style="border: 1px solid black; padding: 5px; display: inline-block;">$5 + 8 =$</div> | 12 What day is March 18 th ? What day is March 30 th ? What is the date of the 1 st Saturday in March? | 13 Tom had 18 cookies to share with 6 friends. Show how many each friend has.  | 14 |
| 15  | 16 Cut out the attached analogue clocks. With adult help, put the times in order. Discuss the positioning of the large and small hands. | 17 Use the cut out analogue clocks. Turn them upside down. Have an adult quickly turn them over while you practice telling the time. | 18 Cut out the attached digital times. Put the digital times in order. Match the digital times with the analogue clocks. Have an adult check your work. | 19 Play a game of Concentration. Turn over all of the 50 time cards. Take turns with an adult to turn over 2 cards at a time. If the times match you get a point. If they don't match turn them back over in the same spot. Alternate turns while trying to remember which times have been turned over and where their position is. | 20 | 21 |
| 22 | 23 Practice telling the time. Have an adult rapidly turn over the time cards while you quickly and accurately state the time. | 24 Play the game of Concentration with the time cards again. Give yourself 2 points for every match you make. | 25 How many books in 2 stacks of 6? Show your work.  | 26 Find the difference for each: 85¢ - 30¢ 40¢ - 17¢ 100¢ - 43¢ 100¢ - 15¢ | 27 Draw pictures and write the number fraction for these words: one-quarter one-third one-half | 28 |
| 29 | 30 Show and talk about the fraction $\frac{1}{4}$ for: twelve houses eight shirts sixteen flowers Record on the attached sheet. | 31 Practice all of your saved flashcards. <div style="border: 1px solid black; padding: 5px; display: inline-block;">$10 + 5 =$ $8 - 5 =$ $7 + 5 =$</div> | | <div> Interactive Computer Websites: abcy.com - Base Ten Fun - Connect the Dots 50 to 100 - Jet Ski Addition - Money BINGO </div> <div style="text-align: right;">  </div> | | |

Glossary of Mathematical Words

- face clock** - a clock that shows fixed numerals and hands to show hours, minutes, and seconds (also known as an **analogue clock**)
- math story** - using words to tell a problem
example: $4 + 5 = 9$ in words could be:
Jane had 4 dogs and Ben had 5 dogs. When they went for a walk in the park and let them play, they had 9 dogs altogether.

Materials

workbook
pencil
coins
scissors
flashcards (included)



Common Core State Standards and Learning Goals For The Month

- ❖ Understand some real-life applications of numbers
- ❖ Make sense of problems and persevere in solving them (MP1)
- ❖ Draw two-dimensional shapes (2.G.1)
- ❖ Identify time to the nearest 5 minutes (2.MD.7)
- ❖ Gain foundations for multiplication (2.OA)
- ❖ Use arranged objects in arrays to find totals (2.OA.4)
- ❖ Determine the relationship between fractional parts of a whole (2.G)
- ❖ Fluently add and subtract within 20 using mental strategies (2.OA.2)
- ❖ Solve problems involving coins, using symbols (\$) and ¢ (2.MD.8)

Completed Mathematics Homework Coupon

Child's Name

Parent's Signature

A parent must sign this coupon when the activities are complete.
Bring this coupon and your homework to school at the end of each month.

Parent Comments

Communicating orally or in written form about how a problem is solved is often the most challenging part of mathematics for young children. How well does your child write out and discuss the solutions to problems?

A Drawing With Shapes

Using different sized circles, design a rabbit.
What would the rabbit look like if you used
triangles or squares instead of circles?
Try creating one.



Rabbit made with circles.

Rabbit made with squares or triangles.

B One Week Before and One Week After

Use the calendar for March 2015.

Look at the **Starting Date** of Sunday, March 8. **One week after** is Sunday, March 15. **One week before** is Sunday, March 1.

Complete the chart for March 2015.

| One Week Before | Starting Date | One Week After |
|------------------------|------------------------|-------------------------|
| <i>Sunday, March 1</i> | <i>Sunday, March 8</i> | <i>Sunday, March 15</i> |
| | _____, <i>March 12</i> | |
| | _____, <i>March 20</i> | |
| | _____, <i>March 21</i> | |
| | _____, <i>March 17</i> | |
| | _____, <i>March 9</i> | |
| | _____, <i>March 27</i> | |

Drawing Hands on Clocks

Draw hands on the clocks to show the following times:

6:15

2:15

10:15



Homework Questions

If Jared has 30 questions to do for homework and he has done 17, how many more does he still have to do? Use pictures, numbers and words.


Rows of Cups

How many cups are there in 4 rows of 3?
Show your work.

The $\frac{1}{4}$ Fraction

Show and talk about the fraction $\frac{1}{4}$ for:



Put the answer on the back of each card.
Save these flashcards in an envelope  for use in the following months.

$5 + 1$

$5 + 6$

$5 + 10$

$11 - 5$

$5 + 2$

$5 + 7$

$15 - 5$

$9 - 5$

$5 + 3$

$5 + 8$

$13 - 5$

$8 - 5$

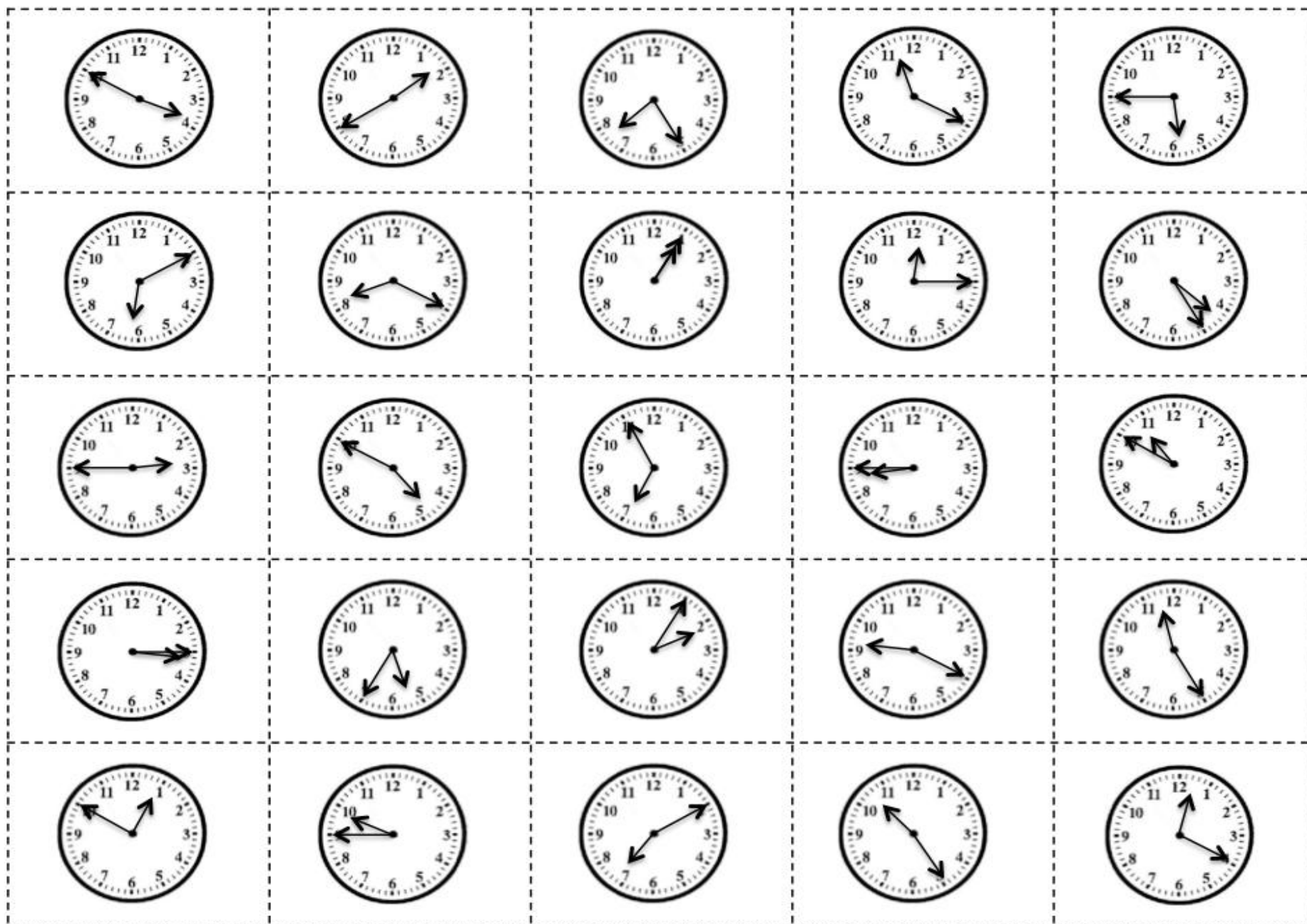
$5 + 4$

$5 + 9$

$12 - 5$




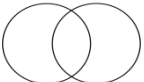

$7 - 5$

Cut out these time cards on these two pages for the Concentration Game.



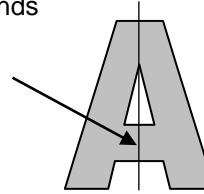
| | | | | |
|-------|------|------|-------|-------|
| 3:50 | 1:40 | 7:25 | 11:20 | 5:45 |
| 6:10 | 8:20 | 1:05 | 12:15 | 4:25 |
| 2:45 | 4:50 | 6:55 | 8:45 | 10:50 |
| 3:15 | 5:35 | 2:05 | 9:20 | 11:25 |
| 12:50 | 9:45 | 7:10 | 10:25 | 12:20 |

April 2015

| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|---|--|--|---|--|---|---|
| Interactive Computer Websites: abcy.com - Math Quiz + and - - Math Race (< and >) - Numbers Less Than (<) - Numbers Greater Than (>) fuelthebrain.com - Math Madness (+ and -) | | | 1 Complete Activity A.  Record on the attached sheet. | 2 A pencil costs 25¢. You give 30¢. How much change would you get back? | 3 Play a board game, card game or complete a puzzle with a friend or family member.  | 4 |
| 5  | 6 Tell everything you know about a triangle to an adult. Record on the attached sheet. | 7 Complete and practice the attached flashcards with an adult. <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;"> $6 + 5 =$ </div> | 8 Draw <u>face</u> (analogue) <u>clocks</u> to show: 3:05 9:55 6:25 12:35 | 9 Draw analogue clocks to show: 4:10 7:20 1:40 5:50 | 10 Tell whether the following numbers are odd or even. 14 5 9 7 16 3 1 12 13 18 | 11 |
| 12 | 13 Complete Activity B on the attached sheets.  | 14 List 5 activities you would do on each of these four days: a hot day a warm day a cold day a cool day | 15 Think about food. Draw 3 foods you eat hot, 3 you eat warm, and 3 you eat cold. | 16 Practice writing the number words from 1 to 10. Check your spelling with an adult. (e.g., one, two...) | 17 Tammy has 32 pencils to give away. She shares equally with 8 friends. How many will each get? | 18  |
| 19 | 20 Calculate the total in each array by drawing a picture of them. $2 + 2 + 2 + 2 + 2$ $5 + 5 + 5$ $4 + 4 + 4 + 4$ $10 + 10 + 10$ | 21 How many plates are there if there are 5 stacks of 10? Show your calculations. Record on the attached sheet. | 22 Skip count by 5's from 200 to 300. Write down the numbers as you count. | 23 Complete Activity C on the attached sheet. | 24 Skip count by 10's from 300 to 500. Write down the numbers as you count. | 25 |
| 26 | 27 Practice all of your saved flashcards with a friend or an adult. | 28 Fill a large bowl or pot with water using a measuring cup (1 cup). How many cups does it take to fill it until it's full? This makes a great bathtub activity! | 29 Practice your flashcards with an adult. <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;"> $10 + 5 =$ $8 - 5 =$ $7 + 5 =$ </div> | 30 If you have 5 dimes and 3 nickels, how many cents do you have? If you have 5 nickels and 3 dimes, how much money do you have? | | |

Glossary of Mathematical Words

- face clock** - a clock that shows the numerals, minutes, hours and hands
- line of symmetry** - the line dividing a symmetrical object down the centre
- symmetrical** - exactly the same on one side as on the other



Materials

workbook
pencil
scissors
paper for cutting shapes
flashcards (included)



Common Core State Standards and Learning Goals For The Month

- ❖ Determine the relationship between fractional parts and a whole (2.G.3)
- ❖ Solve problems involving subtraction of two-digit numbers (2.NBT.5)
- ❖ Tell and write time in five minute increments (2.MD.7)
- ❖ Represent and explain multiplication by combining equal groups (2.OA.3)
- ❖ Sort and classify objects (2.G)
- ❖ Fluently add and subtract within 20 using mental strategies (2.OA.2)
- ❖ Determine odd and even numbers (2.OA.3)
- ❖ Use addition to find the total number in arrays (2.OA.4)
- ❖ Skip count by 5's (2.NBT.2)

Completed Mathematics Homework Coupon

Child's Name

Parent's Signature

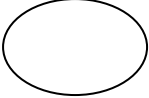
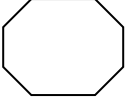
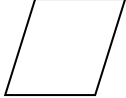
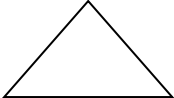
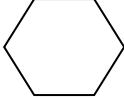

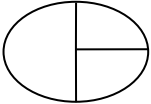
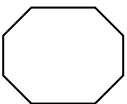

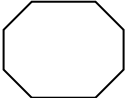
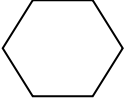
Parent Comments

All Grade 2 students need to be able to verbally explain their answers and then write down their explanation. Are you remembering to ask your child how he/she calculated the answer? What areas need more focus?

A parent must sign this coupon when the activities are complete.
Bring this coupon and your homework to school at the end of each month.

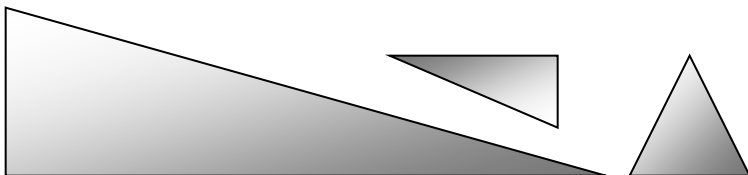
Activity A

Draw the missing shapes in each square and show the correct fractions with color.

| | | | | | | |
|---|---|---|--|---|---|---|
| |  |  |  |  |  |  |
| $\frac{1}{2}$ blue $\frac{1}{4}$ green $\frac{1}{4}$ purple |  |  | | |  | |
| $\frac{1}{3}$ red $\frac{1}{3}$ yellow $\frac{1}{3}$ orange | |  | | |  | |

Triangle Knowledge

Tell everything you know about a triangle to an adult.
Write down 5 of those ideas.

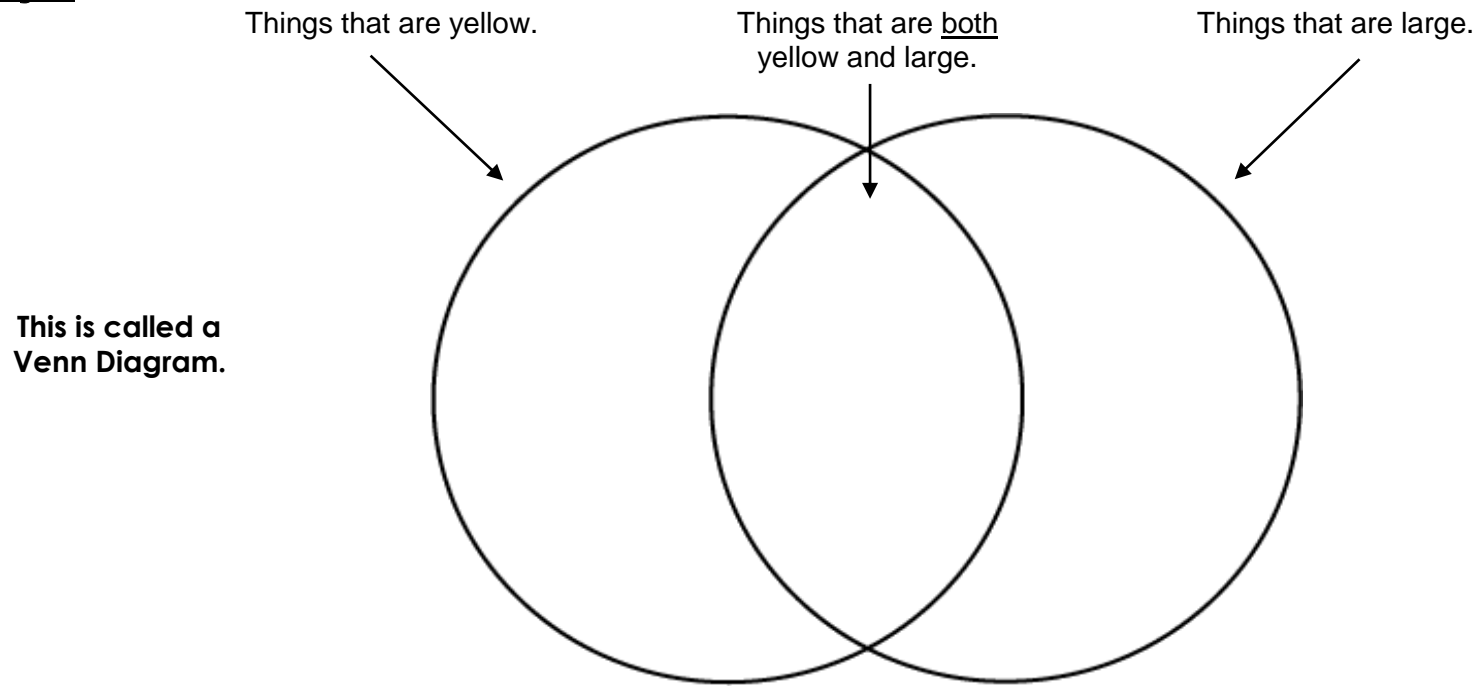


Stacks of Plates

How many plates are there in 5 stacks of 10?





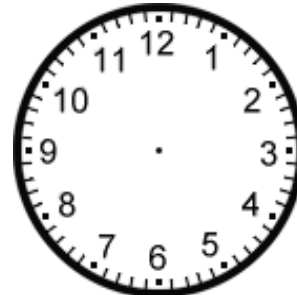
Show your work with pictures, numbers and words.


Activity B



Activity C

Show the correct time on each clock.

| | | | | |
|--|--|---|--|--|
|  |  |  |  |  |
| Justin woke up at 7 o'clock. Show that time. | He took 20 minutes to wash. Now what time is it? | He took 30 minutes to eat his breakfast. Now what time is it? | He walked to school for 15 minutes. Now what time is it? | School started 25 minutes later. Now what time is it? |

Put the answer on the back of each card.
Save these flashcards in an envelope  for use in the following months.

$6 + 2$

$6 + 7$

$6 + 11$

$13 - 6$

$6 + 3$

$6 + 8$

$17 - 6$

$11 - 6$

$6 + 4$

$6 + 9$

$15 - 6$

$10 - 6$

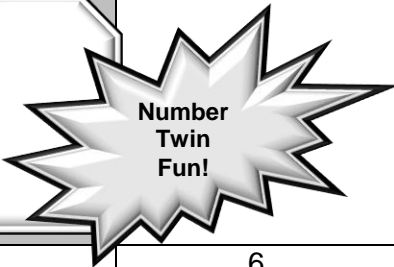
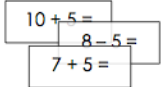




$6 + 5$

$6 + 10$

$14 - 6$

$9 - 6$

May 2015

| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|--|--|---|---|--|--|--|
| Interactive Computer Websites: sheppardsoftware.com - Algebra - Balloon Pop Math Patterns 1 primarygames.com - Number Twins - Shape Sorter | | |  | | 1 Complete and practice the attached flashcards with an adult. | 2 |
| 3 | 4 Complete Activity 1 by counting <u>edges</u> and <u>vertices</u> . Record on the attached sheet. | 5 Practice your saved flashcards with an adult.  | | 7 Calculate which is more, 4 piles of 3, or 6 piles of 2. Show your work and what you learned. | 8 Mike saw 15 bicycles and tricycles pass by. He counted a total of 36 wheels. How many bicycles and tricycles were there? | 9  |
| 10 | 11 What was the date 2 weeks ago today? What was the date 1 week and 2 days ago? Write your answers. | 12 Create a question with a "yes" or "no" answer. Ask your family members. Record what you found. | 13 What are the <u>chances</u> of it snowing in July? What are the chances of you losing a tooth today? | 14 On the attached sheet, partition the different rectangles according to the number of rows and columns given. Count the number of same-sized squares to find a total for each one. | 15 Write directions for going from your home to the local store.  | 16 |
| 17 | 18 Scott and Terry played for 2 hours each day. How many hours did they play throughout the month of May? Show your work. | 19 How are the seasons of winter and fall both similar and different from each other? Record on the attached sheet. | 20 Use your flashcards and show how well you have learned to recall facts quickly. <div> $4 + 6 =$ </div> | 21 How many toes on 4 feet? How many toes on 8 feet?  | 22 How many wheels on 5 bicycles and 6 tricycles? Draw pictures to show your work. | 23 |
| 24  | 25 Jamie planted a seed. Every day it grew 5 inches. How much did it grow in 4 days? Show your work. | 26 Mike saw 8 birds fly by. He then saw another 4 birds. How many wings were on those birds altogether? | 27 How many legs are there on one table? How many on 4 tables? How many on 9 tables? Show your calculations with pictures. | 28 Are you more likely to skate when the temperature is 32°F or 52°F? Explain your answer. | 29 Play a board game or assemble a puzzle with a friend or a family member. | 30 |
| 31 | | | | | | |

Glossary of Mathematical Words

chances - the likelihood that an event will happen

digital clock - shows numerals without hands



edges (sides) - straight parts of a 3-D shape



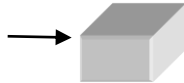
rectangular prism - 3-dimensional shape with 6 rectangular bases and faces



triangular prism - 3-dimensional shape with 2 triangular bases and 3 rectangular faces



vertices (corners) - turning points of a 3-D shape



Materials

workbook
pencil
scissors
flashcards (included)



Common Core State Standards and Learning Goals For The Month

- ❖ Understand some real-life applications of numbers
- ❖ Make sense of problems and persevere in solving them (MP1)
- ❖ Sort and classify shapes by their geometric properties (2.G1)
- ❖ Represent and explain multiplication by combining equal groups (2.OA.4)
- ❖ Gather data to answer a question with a limited number of responses (2.MD.10)
- ❖ Partition rectangles into rows and columns and total the parts (2.G.2)
- ❖ Fluently add and subtract within 20 using mental strategies (2.OA.2)

Completed Mathematics Homework Coupon

Child's Name

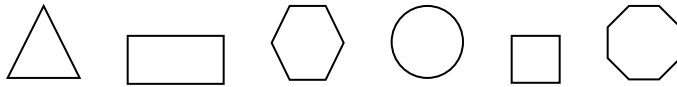
Parent's Signature

Parent Comments

Has the Grade 2 Mathematics Homework Calendar been worthwhile for your child? Would you want the same kind of homework program next year?

A parent must sign this coupon when the activities are complete.
Bring this coupon and your homework to school at the end of each month.

Activity 1



| Shape | Number of Vertices (corners) | Number of Edges (sides) |
|-----------|---------------------------------|----------------------------|
| square | | |
| triangle | | |
| circle | | |
| rectangle | | |
| hexagon | | |
| octagon | | |


Partitioning Rectangles

| | |
|--|------------------------------------|
| | 2 rows 6 columns Total: ____ |
| | 2 rows 4 columns Total: ____ |
| | 3 rows 2 columns Total: ____ |
| | 2 rows 8 columns Total: ____ |

Seasons

How are the seasons of winter and fall similar?

How are the seasons of winter and fall different?

Put the answer on the back of each card.
Save these flashcards in an envelope  for use in the following months.

$7 + 2$

$7 + 6$

$7 + 11$

$14 - 7$

$7 + 3$

$7 + 8$

$18 - 7$

$13 - 7$

$7 + 4$

$7 + 9$

$16 - 7$

$12 - 7$



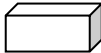



$7 + 5$

$7 + 10$

$15 - 7$

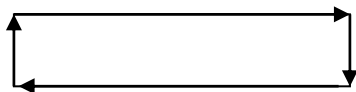
$11 - 7$

June 2015

| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|---|---|---|---|---|---|---|
|  | <p>1</p> <p>Judy built a model plane. She worked for 5 hours each day of the first week of June. How many hours did she take to build it? Show your work.</p> | <p>2</p> <p>From a magazine, find pictures of 3 shirts and 2 pairs of shorts (or you can draw them). Show how many outfits you could make by combining the clothes in different ways.</p> | <p>3</p> <p>Calculate these questions:</p> <p>94 – 16 68 – 19 76 – 27 37 – 18</p> | <p>4</p> <p>Compare the events in your life from one day to the next. What patterns do you see? Draw pictures to show the patterns.</p> | <p>5</p> <p>Add:</p> <p>69¢ + 25¢ 35¢ + 56¢ 21¢ + 55¢ 39¢ + 44¢ 11¢ + 33¢ + 24¢</p> |  |
| <p>7</p> | <p>8</p> <p>Subtract:</p> <p>69¢ - 25¢ 56¢ - 35¢ 55¢ - 21¢ 44¢ - 39¢ 100¢ - 53¢</p> | <p>9</p> <p>Complete Activity A to calculate the <u>perimeter</u> of the shapes. Record on the attached sheet.</p> | <p>10</p> <p>Write out all the number words for the following numbers:</p> <p>524 759 932 248 316</p> | <p>11</p> <p>What will the date be 1 week and 5 days from today? What will the date be 2 weeks and 3 days from today?</p> | <p>12</p> <p>Tell someone how a cube and rectangular prism are similar and different.</p> <div></div> | <p>13</p> |
| <p>14</p> | <p>15</p> <p>Are you more likely to swim when it is 45°F or 95°F? Explain your answer.</p> | <p>16</p> <p>Practice your flashcards with an adult.</p> <div><div>4 + 6 =</div></div> | <p>17</p> <p>Play a card game or a board game with someone at home. What are your chances of winning?</p> | <p>18</p> <p>Survey your family. Pick a question you could ask everyone. Keep track of the results. What did you discover?</p> | <p>19</p> <p>List as many ways as you can to practice mathematics over the summer.</p> | <p>20</p> |
| <p>21</p> | <p>22</p> <p>Share 18 stickers among 3 children. How many does each get? Explain your answer as a fraction.</p> | <p>23</p> <p>Draw as many 2-D shapes that you can think of that have 4 sides. Draw them carefully with a ruler and label them.</p> | <p>24</p> <p>Mathematics can sometimes be challenging. List 5 things that are challenging for you and 5 things that are easy for you.</p> | <p>25</p> <p>Every second day you eat 3 crackers. How many will you eat in the month of June?</p> | <p>26</p> <p>Everyday Spot ate 2 dog cookies. How many cookies did he eat after 10 days? Show your work.</p> | <p>27</p>  |
| <p>28</p> | <p>29</p> <p>Share 25 pencils with you and 4 friends. How many will each get?</p>  | <p>30</p> <p>Everyday in the month of June you phone 2 friends. How many phone calls will you make in total?</p> | <div><div><p>Odd and Even Fun!</p></div><div><p>Interactive Computer Websites:</p><p>sheppardsoftware.com - Balloon Pop Skip Counting (2, 5 and 10) primarygames.com - Fruit Shoot Odd and Even abcya.com - Math Lines abcya.com - Fraction Fling - No mixed fractions</p></div></div> | | | |

Glossary of Mathematical Words

perimeter - the distance around the outside edge of an object



Materials

workbook
pencil
magazine or clothing flyer
coins
counters
metric ruler
cards or board game

Common Core State Standards and Learning Goals For The Month

- ❖ Solve problems using a variety of strategies (2.OA.1)
- ❖ Solve questions involving double-digit subtraction with regrouping (2.MD.5)
- ❖ Measure perimeter using non-standard and standard units (2.MD.1)
- ❖ Identify similarities and differences between three-dimensional shapes (2.G.1)
- ❖ Gather data to answer a question with a limited number of responses (2.MD.10)
- ❖ Represent and explain division as the sharing of a quantity equally (2.OA.4)
- ❖ Read and write number words to 1000 (2.NBT.3)
- ❖ Solve problems with money (2.MD.8)
- ❖ Estimate lengths using units of centimeters (2.MD.3)

Completed Mathematics Homework Coupon

Child's Name

Parent's Signature

Parent Comments

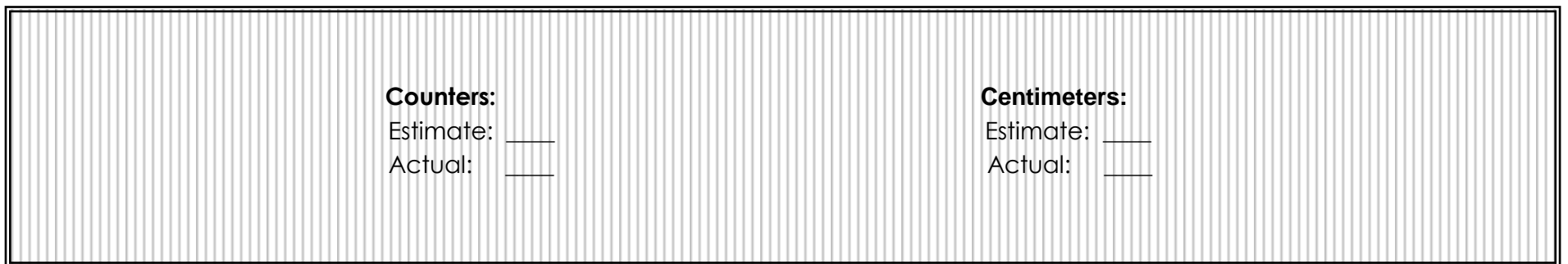
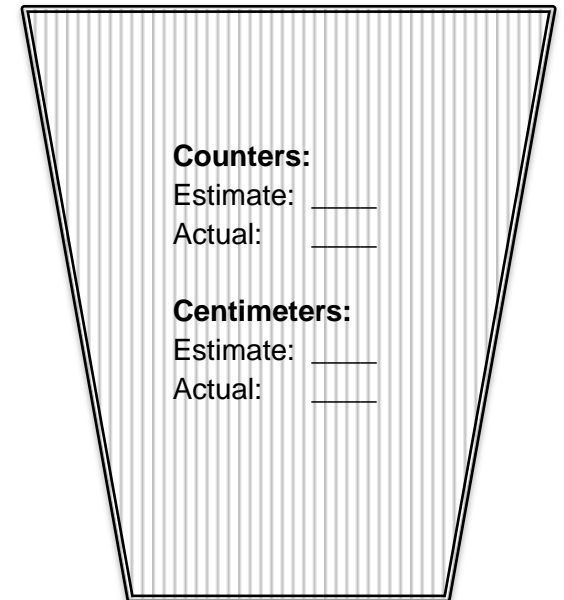
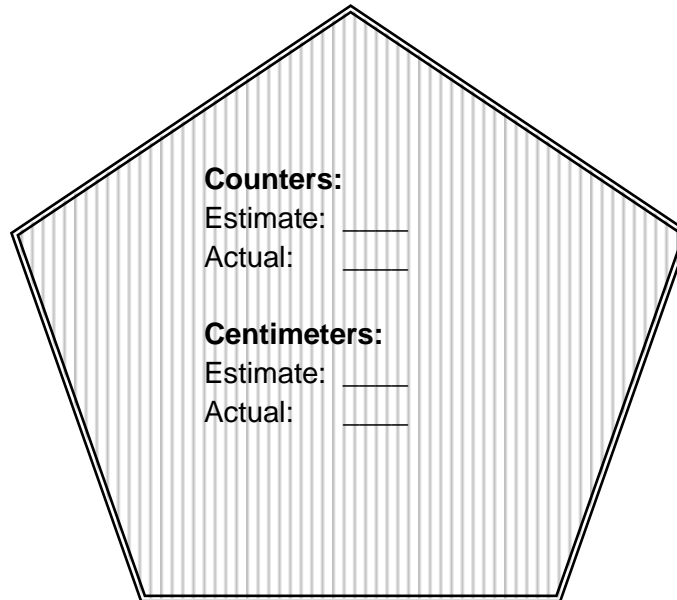
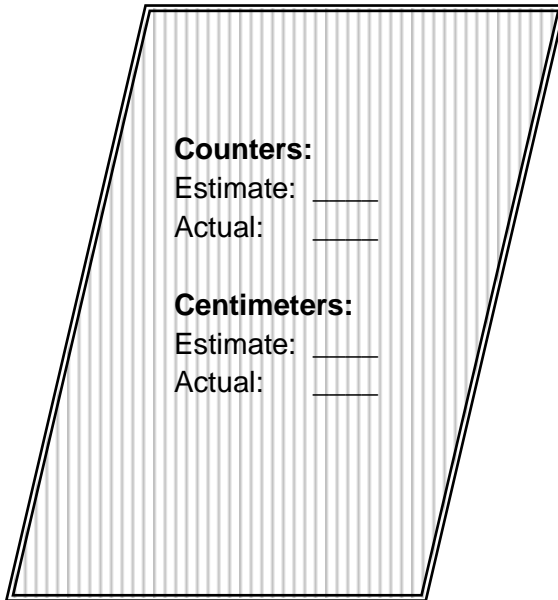
What kinds of activities could you do over the summer holidays to practice mathematical concepts?

A parent must sign this coupon when the activities are complete.
Bring this coupon and your homework to school at the end of each month.

Activity A

Guess how many pennies or other small counters it takes to go around the perimeter of each of the following shapes. Measure, count and record your findings.

Estimate how many centimeters the perimeter of each shape is. Measure, count and record your findings.



Dear Teacher,

The **Mathematics Homework Calendar** that you have just purchased has been printed and published over the last 5 years. The calendar has undergone many changes based on customer's comments, curriculum changes and access to computers and the Internet.

The interactive games allow for following through with meaningful play as it relates to some of the monthly mathematics skills. The games have been tested and were available at the time of editing this publication for the 2014/2015 school year. Children without a computer are still able to complete the written activities on the calendar. Hyperlinks have been created right on the calendar should you wish to give the monthly calendar to parents electronically.

As requested, **Common Core State Standards** have been added. The activities each month have been matched to the standards. They are on the second page of each month's activities.

Holidays have been removed from all the calendars since there are differences in days and weeks off depending on the area you teach in. All you need to do is white-out the holidays (or leave them in) to meet your needs. In this way, this calendar meets everyone's needs regardless of where you teach.

The **Mathematics Homework Calendar** follows the curriculum and covers the math strands over a 10 month school year.

I suggest preparing and sending home only 1 month at a time.

You don't have to mark children's work! The **Mathematics Homework Calendar** is set up for parents to do the interacting with their child. You may wish to have children bring in a particular completed activity to discuss. You carry on with your classroom program and leave the work up to the parents.

The questions have been carefully worded and a **Glossary of Terms** is included in the **Mathematics Homework Calendars** for Grades 1, 2 and 3. The Kindergarten Mathematics Homework Calendar gives helpful hints to parents about how to teach mathematics concepts through games.

The **activities gradually get more challenging as the year progresses**. Concepts are repeated in a variety of ways so that a better understanding is achieved.

Provide a notebook so children can record their work. Most activities require some sort of record keeping on the children's part. At the end of each month, children should bring in the notebook to account for their completed work. Providing time to share their accomplishments with others encourages the use of math language. They should also return the signed coupon. **You'll get lots of great comments from parents!**

A reward at the end of each month is a great way to praise children for completing their work. I suggest any of the following: **certificates (enclosed)**, pencils, erasers, stickers, notepads, freezies, popcorn, cereal in a bag, privileges, sharing visit to the office, etc.

On a large piece of paper in the classroom, **graph** those that return their signed coupon each month. A sticker on the graph for each month is a visual reward that accumulates.

Probability Prize: Put coupons in a hat on the first school day of each new month and draw out a name. The winner can choose from a collection of books (extras from the Book Order clubs). This draw encourages homework to be completed on time. Late returns should still receive a reward each month for completing the work.

The curriculum is challenging. The **Mathematics Homework Calendar** is challenging too (for some children more than others). If children are on a modified program, an easier or more challenging **Mathematics Homework Calendar** is available for the primary grades.

Yours in education
Barb Beale,

CALENDAR MATH IN YOUR HOME



What is the Mathematics Homework Calendar for?

The **Mathematics Homework Calendar** allows you and your child to practice essential math concepts in real-life situations as well as use appropriate math language.

Who can use it?

Children are to do these activities with their parents.

The math skills in this calendar are specifically designed to meet the primary math curriculum expectations. The activities become more challenging as the months progress.

The great value in these activities lies in trying and sharing. When you try an activity and share your thoughts, experiences, conclusions and questions, everyone gains.

How do you use it?

Each month contains various activities. Some can be done quickly, others may require more time. It is suggested you set aside a time when you and your child can read over the entire month of activities. Then you can decide which activities you and your child might want to try first. Planning ahead gives you time to organize your materials and choose times which work best for your family schedule. It is also beneficial to have a special folder, duo tang or scrapbook to organize the completed activities so your child has an opportunity to reflect upon their work.

Interactive Computer Games and Activities

Children love to play interactive computer games so suggestions are included. The recommended sites are linked to the skills reinforced each month. Always discuss appropriate Internet use before allowing your child to use them.

What will the benefits be?

Attitudes – Your child will feel good about his/her abilities when math is seen as something useful and enjoyable.

Communication – Learning takes place through language. Thinking about math increases a child's level of understanding.

Problem Solving – This is a lifelong skill which we encounter daily in our lives. This calendar presents various strategies needed to solve a variety of problems.

Common Expectations and Language – Since this calendar is based on primary math curriculum expectations, your child will be using the same language as his/her teacher. The calendar provides definitions so you have a clear understanding of the terminology. Should you require a simpler calendar or one that is more challenging there are other Mathematics Homework Calendars available for primary children.

We know that you and your child will benefit from this year-long program.

Congratulations On a Job Well Done!



You completed your mathematics homework.

Presented to

Signature



You Did An Amazing Job!



You completed your mathematics homework.

Presented to

Signature

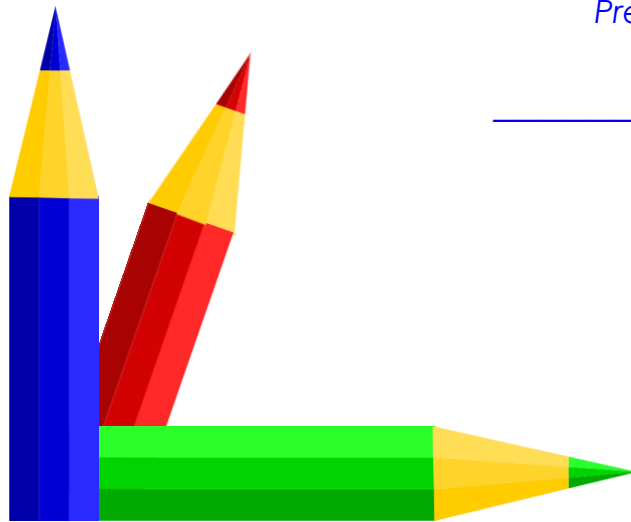


Terrific Job!

You completed your mathematics homework.

Presented to

Signature





Super Math Genius!

You completed your mathematics homework.

Presented to

Signature



Excellent Work!

You completed your mathematics homework.

Presented to

Signature





Thumbs Up For Incredible Work!

You completed your mathematics homework.

Presented to



Signature



Star Student!



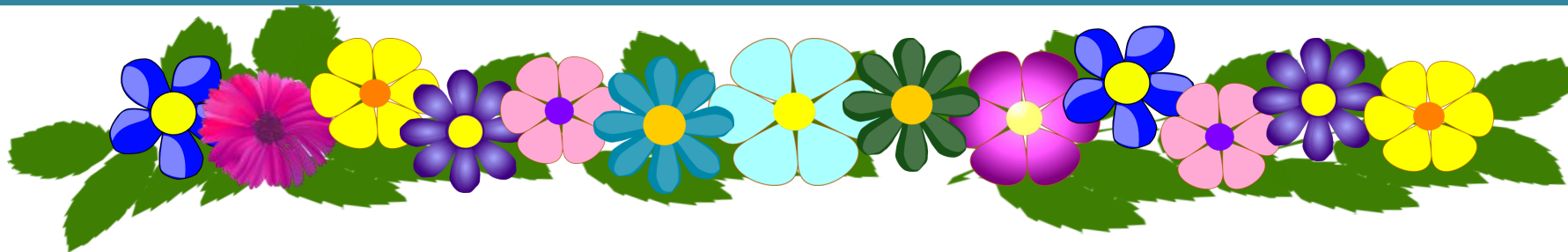
You completed your mathematics homework.



Presented to



Signature



Very Nicely Done!

You completed your mathematics homework.

Presented to

Signature



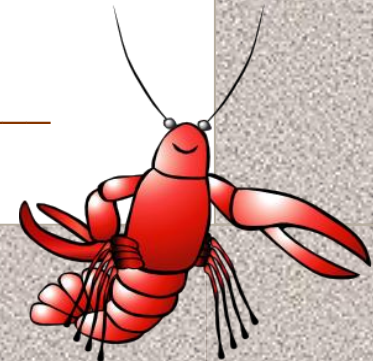


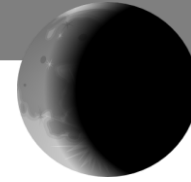
You Deserve An Award!

You completed your mathematics homework.

Presented to

Signature





Wonderful Work!

**You completed your mathematics
homework.**

Presented to

Signature



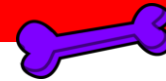
A certificate template with a large rainbow arch in the background and a decorative border of small rainbow arches. The text is centered within the rainbow arch.

Fabulous Work!

Presented to

**You completed your mathematics
homework.**

Signature



Terrific Effort!

Presented to

**You completed your mathematics
homework.**

Signature

