

\Box (3) Angles: Using Relationships

Use problem number 1 name an angle relationship, write an equation, and solve it.









Exit Ticket ON THE LAST PAGE

Homework

Identify a relationship, write an equation or equations, solve for x.









pen or pencil

Homework

Identify a relationship, write an equation or equations, solve for x.







| Exit Ticket | Name | Date | Per | 2.2L |
|-------------|------|------|-----|------|
| | | | | |

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(1) The LO (Learning Outcomes) are written below your name on the front of this packet. Demonstrate your achievement of these outcomes by doing the following:

Find the measures of x in each diagram. Identify a relationship, write an equation, and solve for the variable.





| 6 DO NOW | Name | _Date | _ Per | 2.2L |
|--|------|-------|-------|------|
| (1) Solving progress: Solve one of the two problems below. | | | | |

(a) -3(1 + 6r) = 14 - 4 (b) 6(6v + 6) - 5 = 1 + 6v

(2) Translation to algebra progress. Krystal won 63 pieces of gum playing hoops at the county fair. At school she gave four to every student in her math class. She only has 3 remaining. How many students are in her math class?. Write an algebraic statement to represent this situation. Be sure to write a "Let" statement to define any variables.

- 8
- 1. a &b are corresponding and equal c & d are vertical and equal
- 2. a & b are corresponding and **maybe** equal c & d are supplementary
- a & b are corresponding and equal c & d are same side interior but not supplementary
- 4. a & b are corresponding and equal c & d are corresponding equal
- 5. a & b same side interior but not supplementary c & d are alternate interior and not equal
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- 6. a & b are complementary c & d same side interior, supplementary & equal
- 7. a & b are corresponding and equal c & d are alternate interior and equal
- 8. a & b are supplementary c & d are vertical
- 9. a & b are same side interior and equal c & d are alternate interior and equal
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