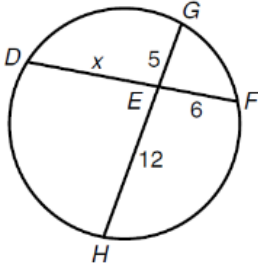


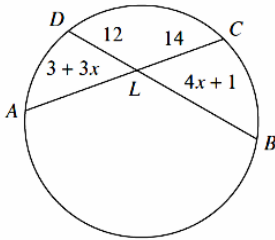


□ (2) Find the value of the variable or indicated arc or angle measure.

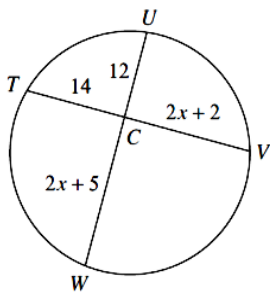
(a) Find the measure of  $x$



(b) Find  $CA$



(c) Find  $UW$

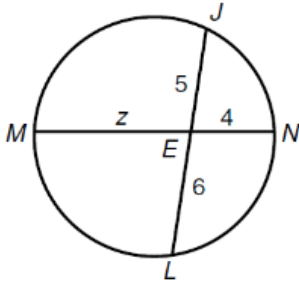


(3) **Exit Ticket**  
calculator

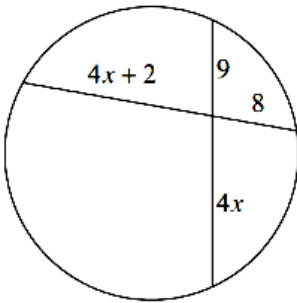
ON THE LAST PAGE

(4) **Homework**  
calculator

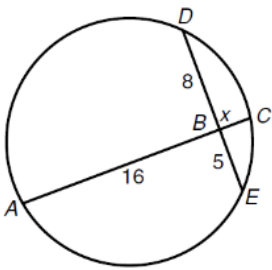
(1) Find the measure of  $z$ .



(2) Find the measure of  $x$



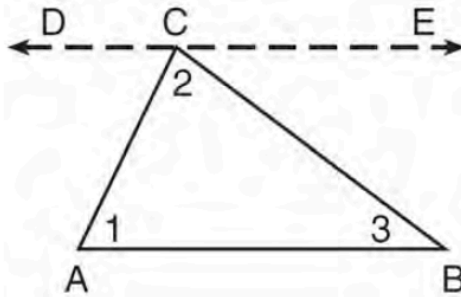
(3) Find the measure of segment  $AC$



(4) Homework  
calculator

(3) Review:

Given the theorem, "The sum of the measures of the interior angles of a triangle is  $180^\circ$ ," complete the proof for this theorem.



Given:  $\triangle ABC$

Prove:  $m\angle 1 + m\angle 2 + m\angle 3 = 180^\circ$

Fill in the missing reasons below.

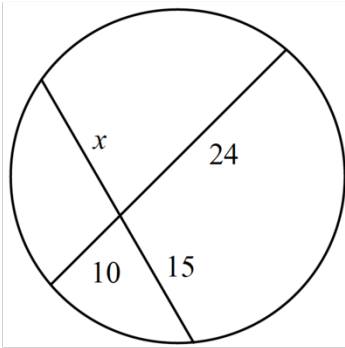
Statements	Reasons
(1) $\triangle ABC$	(1) Given
(2) Through point $C$ , draw $\overline{DCE}$ parallel to $\overline{AB}$ .	(2) _____ _____ _____
(3) $m\angle 1 = m\angle ACD$ , $m\angle 3 = m\angle BCE$	(3) _____ _____ _____
(4) $m\angle ACD + m\angle 2 + m\angle BCE = 180^\circ$	(4) _____ _____ _____
(5) $m\angle 1 + m\angle 2 + m\angle 3 = 180^\circ$	(5) _____ _____ _____

Exit Ticket Name \_\_\_\_\_ Date \_\_\_\_\_ Per \_\_\_\_\_ 10.6R

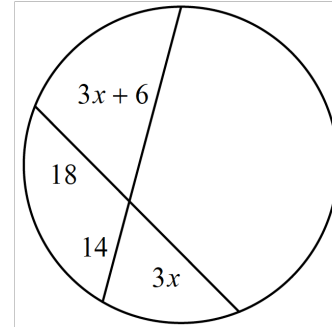
The LO (Learning Outcomes) are written below your name on the front of this packet. Demonstrate your achievement of these outcomes by doing the following:

(1) Find the indicated measure for each diagram. Show sufficient evidence of your solution

(a)  $x =$  \_\_\_\_\_

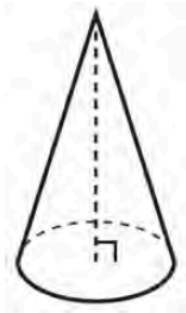


(b) Find the lengths of the unknown segments



- (1) 17 The aspect ratio (the ratio of screen width to height) of a rectangular flat-screen television is 16:9. The length of the diagonal of the screen is the television's screen size. Determine and state, to the *nearest inch*, the screen size (diagonal) of this flat-screen television with a screen height of 20.6 inches.

- (2) 56 William is drawing pictures of cross sections of the right circular cone below.



Which drawing can *not* be a cross section of a cone?

