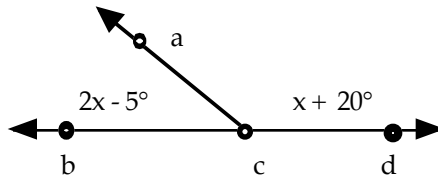


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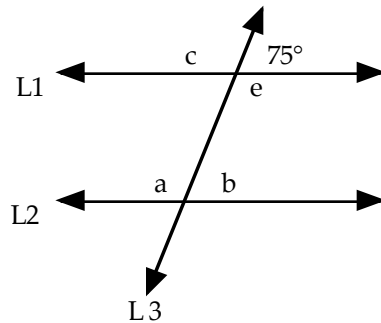
Name \_\_\_\_\_

1 Solve:



- ~ Find the measure of angles  $m\angle bca$  and  $m\angle pno$
- ~  $\angle bca$  is                      acute angle                      obtuse angle                      right angle
- ~  $\angle acd$  is                      acute angle                      obtuse angle                      right angle
- ~  $\angle bca$  &  $\angle acd$                       complementary angles                      supplementary angles

2 L1 is parallel to L2. L3 is a \_\_\_\_\_



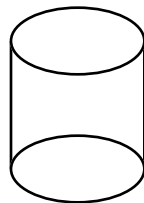
Find the measures of:

$m\angle a =$  \_\_\_\_\_

$m\angle c =$  \_\_\_\_\_

$m\angle b =$  \_\_\_\_\_

3 Find the total surface area of this can. Leave your answer in terms of  $\pi$



Diameter      4 inches  
Height        6 inches

4 Find the equation of the line with a slope of 6 going through point (2, 7)

5 Find the equation of the line going through point (-1, 4) and (1, 0)

6 Write  $4x + 3y = -12$  in slope-intercept form                      Slope \_\_\_\_\_

Y intercept \_\_\_\_\_

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*Name* \_\_\_\_\_