

1. Mrs. Aldridge has asked her students to predict how many liters of water it will take to fill a 10-quart bucket. Which prediction is close to 10 quarts?

A 80 liters  
 B 40 liters  
 C 20 liters  
 D 10 liters

2. Mrs. Dabney placed a candle that is 30 cm tall on the table. About how tall is the candle in inches?

A 6 in.  
 B 12 in.  
 C 30 in.  
 D 36 in.

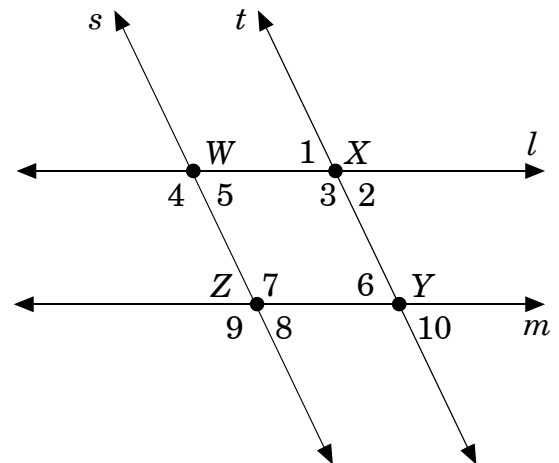
3. Steven bought a half-gallon container of orange juice. How many liters of orange juice does Steven have?

A a little less than 1 liter  
 B a little more than 1 liter  
 C a little less than 2 liters  
 D a little more than 2 liters

4. Which measurement is **about** the same as 3 meters?

A the height of a 10-foot basketball rim  
 B the height of a 7-foot door  
 C the distance around a 2-mile racetrack  
 D the 218-foot distance that the golfer hit a golf ball

5. Line  $l$  is parallel to line  $m$ , and line  $s$  is parallel to line  $t$ .



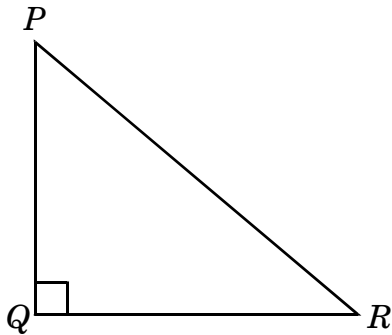
Which of the following is a pair of interior angles of  $\square WXYZ$ ?

A  $\angle 1$  and  $\angle 10$   
 B  $\angle 5$  and  $\angle 6$   
 C  $\angle 7$  and  $\angle 9$   
 D  $\angle 10$  and  $\angle 7$

6. Which triangle must have three acute angles?

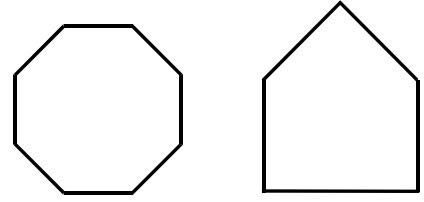
A an equilateral triangle  
 B a right triangle  
 C an isosceles triangle  
 D a scalene triangle

7. Which statement is true about  $\triangle PQR$ ?



A All three sides are equal in length.  
 B All three angles in the triangle measure less than 90 degrees.  
 C Neither of the other sides of the triangle is shorter than  $\overline{PR}$ .  
 D None of the angles in the triangle measures greater than 90 degrees.

8. Charles noticed these highway signs on his way to school.



Which statement **best** describes the signs Charles saw?

A Only obtuse angles are in the two signs.  
 B Acute angles and obtuse angles are in the signs.  
 C Right angles or obtuse angles are in the signs.  
 D Only right angles are in the two signs.

### End of Goal 2 Sample Items

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