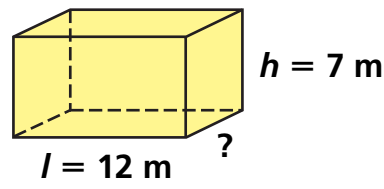
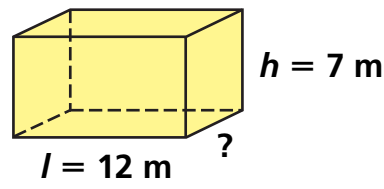






Problem Solving Test Prep

Choose the correct answer.

- What are lines called that are intersecting and form right angles?
 - parallel lines
 - perpendicular lines
 - rays
 - right angles
- Paulo has 28 shells to display in groups on a table. He wants each group to have the same number of shells. How many different ways can he arrange the shells?
 - groups of 1, 2, 3, 4, 5, 6, or 7
 - groups of 1, 2, 4, 7, 14, or 28
 - groups of 1, 2, 3, 7, 9, or 27
 - groups of 1, 2, 7, 14, 21, or 28

- The volume of the rectangular prism is 756 cubic meters. What is the measure of the missing dimension?
 



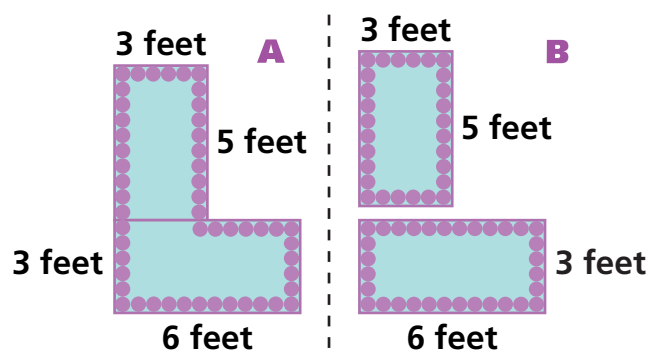
- 9 meters
 - 7.5 meters
 - 7 meters
 - 6.5 meters
- Which is the side view of a cube?
 - 
 - 
 - 
 - 

Show What You Know

Solve each problem. Explain your answer.

- Min is standing in line at the amusement park to ride a roller coaster. He counts 47 people in front of him in line. Each car holds 5 passengers. If each car before his is filled to capacity, in which car will Min ride? Explain how you know.

- The diagram shows the decorative border Kim glued around the outer edge of each arrangement of tables.



Which arrangement needed more border? How much more? Explain.
