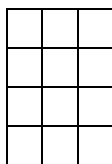
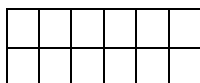


Select the following rectangles that have an area of 12 square units and a perimeter of 16 units.

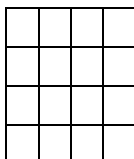
A



B



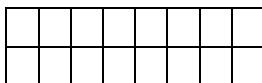
C



D



E

**Scoring:**

2 points: Selected B and D only.

1 point: Selected either B or D only.

Selected B, D and only one other wrong answer.

Selected either B or D and only one other wrong answer.

0 points: Any other combination.

Key and Distractor Analysis:

A. Rectangle has an area of 12 but a perimeter of 14 not 16.

B. Key. Rectangle has an area of 12 and perimeter of 16.

C. Rectangle has an area of 16 not 12 and a perimeter of 16.

D. Key. Rectangle has an area of 12 and perimeter of 16.

E. Rectangle has an area of 16 not 12 and a perimeter of 20 not 16.

Measurement and Data**3.MD**

Geometric measurement: recognize perimeter as an attribute of plane figures and distinguish between linear and area measures.

8. Solve real world and mathematical problems involving perimeters of polygons, including finding the perimeter given the side lengths, finding an unknown side length, and exhibiting rectangles with the same perimeter and different areas or with the same area and different perimeters.