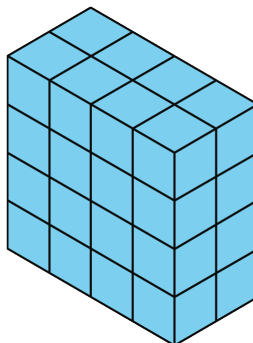


## Lesson 12 Practice Problems

1. What is the surface area of this rectangular prism?



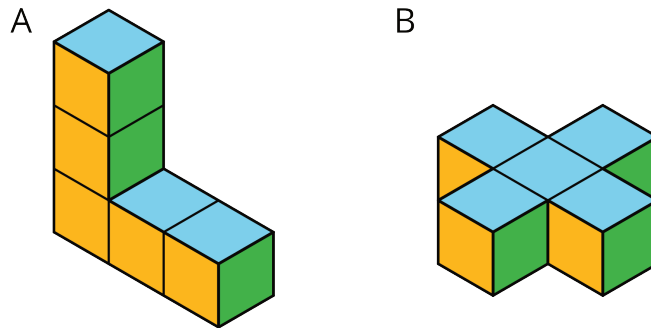
- A. 16 square units
- B. 32 square units
- C. 48 square units
- D. 64 square units

2. Which description can represent the surface area of this trunk?



- A. The number of square inches that cover the top of the trunk.
- B. The number of square feet that cover all the outside faces of the trunk.
- C. The number of square inches of horizontal surface inside the trunk.
- D. The number of cubic feet that can be packed inside the trunk.

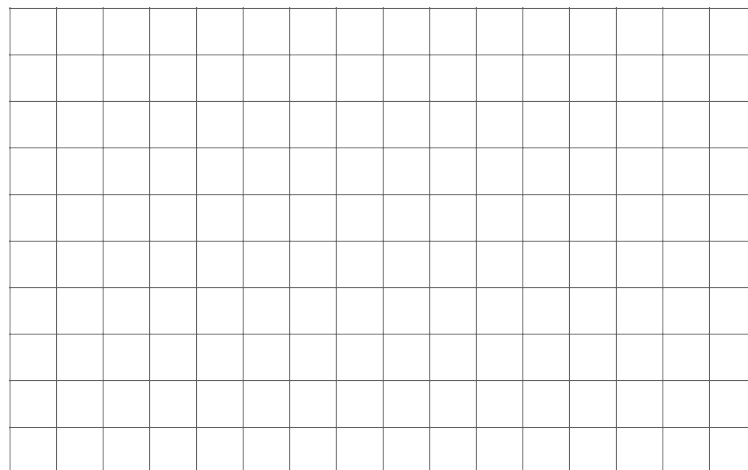
3. Which figure has a greater surface area?



4. A rectangular prism is 4 units high, 2 units wide, and 6 units long. What is its surface area in square units? Explain or show your reasoning.

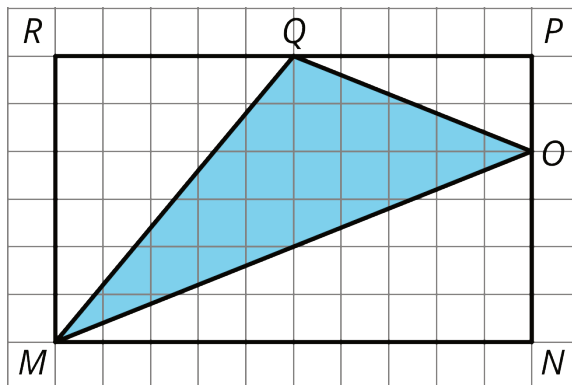
5. Draw an example of each of these triangles on the grid.

- a. A right triangle with an area of 6 square units.
- b. An acute triangle with an area of 6 square units.
- c. An obtuse triangle with an area of 6 square units.



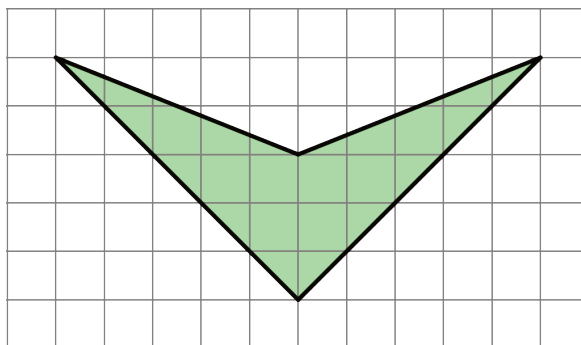
(From Unit 1, Lesson 9.)

6. Find the area of triangle  $MOQ$  in square units. Show your reasoning.



(From Unit 1, Lesson 10.)

7. Find the area of this shape. Show your reasoning.



(From Unit 1, Lesson 3.)