

# Area: Count the Unit Squares Worksheet - Answer Key

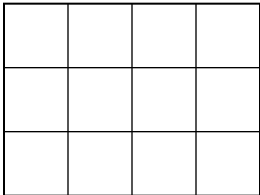
3rd Grade - area by counting unit squares | 12 minutes

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Count the unit squares inside each rectangle. Write the area in square units.

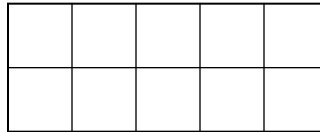
Example: A rectangle 3 squares wide and 4 squares tall has  $3 \times 4 = 12$  square units.

1. What is the area (square units)?



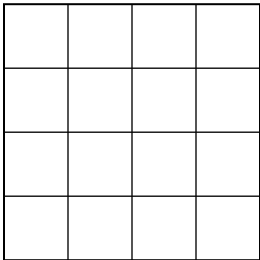
**Answer: 12 square units**

2. What is the area (square units)?



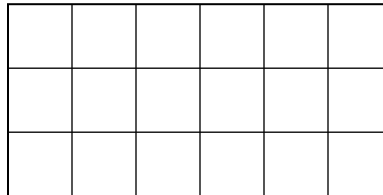
**Answer: 10 square units**

3. What is the area (square units)?



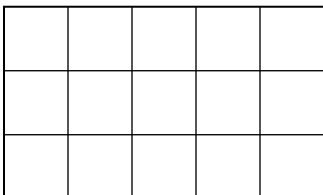
**Answer: 16 square units**

4. What is the area (square units)?



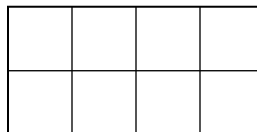
**Answer: 18 square units**

5. What is the area (square units)?



**Answer: 15 square units**

6. What is the area (square units)?



**Answer: 8 square units**

## Challenge

7. A rectangle has 3 rows of 6 squares. Use multiplication to find the area.

**Answer:  $3 \times 6 = 18$  square units**

8. Why does counting squares give the same answer as rows times columns?

**Answer: Each row has the same number of squares, so adding the rows is the same as multiplying.**