# Area Concepts

Grade 3 Math Worksheet - Challenge Me

PencilGo

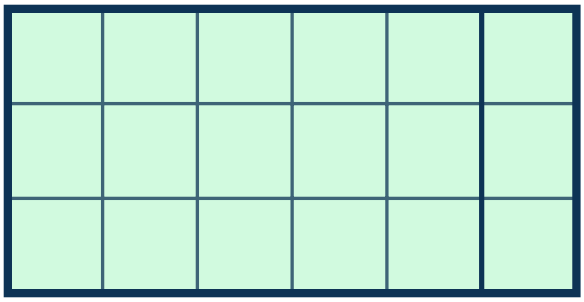
Name _____ Date _____

Circle the answer, or write the answer on the line.

1. Room A is 5 by 8. Room B is 6 by 6. How many more square units does Room A cover?

_____

2. This picture shows one part of an L-shaped rug. The other part is a 2 by 4 rectangle. What is the area of the whole rug?



15 square units  24 square units  26 square units  18 square units

3. Which has the greater area: a 6 by 4 rectangle or a 5 by 5 square?

They have the same area

The rectangle, by 2 square units

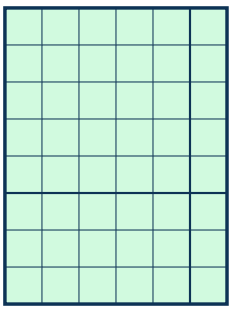
The square, by 1 square unit

The rectangle, by 1 square unit

4. Which rectangle has the same area as a 4 by 6 rectangle?

3 by 7  3 by 8  5 by 6  5 by 5

5. This rectangle is split into two parts: 8 rows of 2 squares and 8 rows of 4 squares. Which sum gives the whole area?

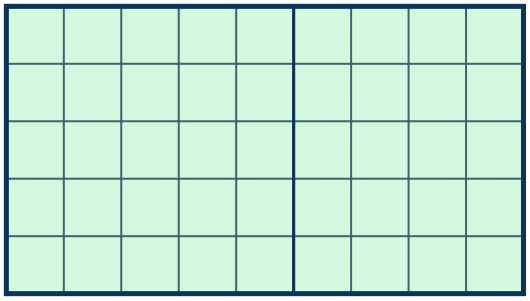


8 + 6  16 + 24  10 + 12  16 + 32

6. A rug covers 42 square feet. It is 7 feet long. How many feet wide is it?

_____

7. Each square is 1 square meter. A rug covers this whole grid except the bottom row. What area does the rug cover?

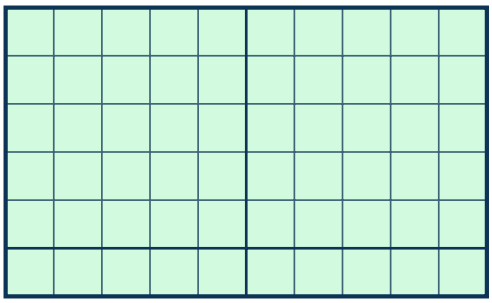


45 square meters  36 square meters  44 square meters  40 square meters

8. A 6 by 5 rectangle has a 2 by 2 square cut from one corner. What area is left?

30 square units  26 square units  28 square units  22 square units

9. How many unit squares cover this rectangle?



_____

10. A rectangle has an area of 36 square units. One side is 4 units long. How long is the other side?

32 units  8 units  9 units  18 units

**Scan to get this marked free. No screen time for your child.**
Print it · do it in pencil · scan it · PencilGo picks the next sheet.

# Area Concepts

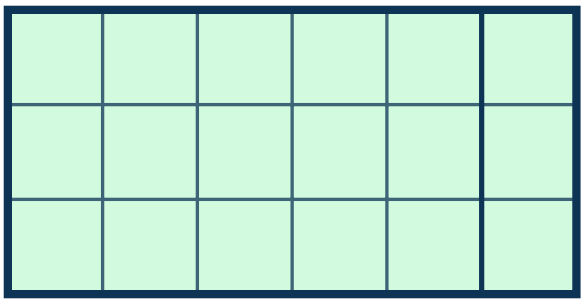
Answer Key - Grade 3 Math Worksheet - Challenge Me

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   **4**

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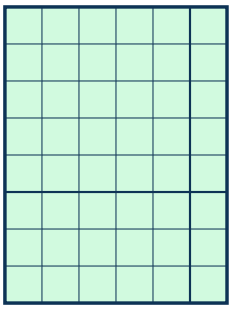
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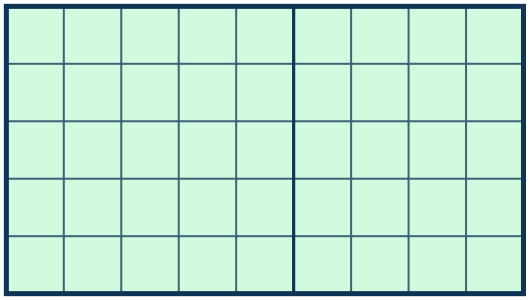


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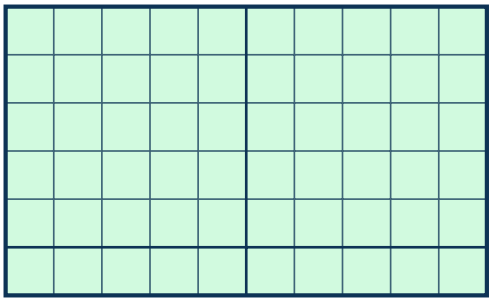


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60

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