Area Concepts

Grade 3 Math Worksheet - Challenge Me

Name _____ Date _____

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

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

   9 units 32 units 18 units 8 units

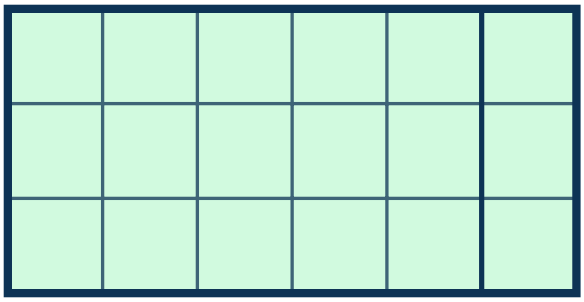
2. Room A is 5 by 8. Room B is 6 by 6. How many more square units does Room A cover?

   _____

3. A garden is made of two rectangles that do not overlap. One part is 4 by 3. The other part is 2 by 5. What is the total area?

   14 square units 22 square units 12 square units 20 square units

4. 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?

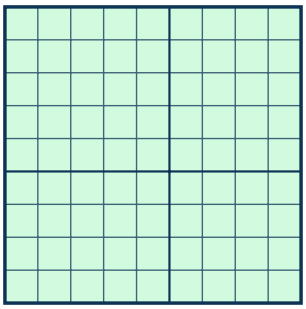


   18 square units 15 square units 26 square units 24 square units

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

   _____

6. This square floor is covered with unit tiles. What is its area?



   81 square units 32 square units 18 square units 36 square units

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

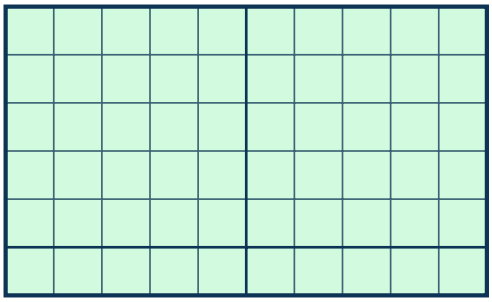
The rectangle, by 1 square unit

The square, by 1 square unit

They have the same area

The rectangle, by 2 square units

8. How many unit squares cover this rectangle?



_____

9. Jo tiles an 8 by 4 rectangle. She counts only the squares around the edge. What does she count, and what is the true area?

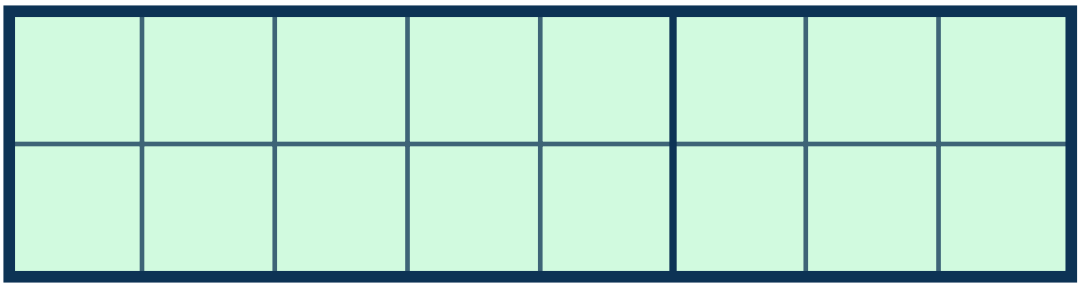
She counts 24; the area is 32

She counts 20; the area is 32

She counts 12; the area is 32

She counts 20; the area is 24

10. Which rectangle has the same area as this one, but a different shape?



4 by 4 3 by 7 3 by 5 2 by 9

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Answer Key - Grade 3 Math Worksheet - Challenge Me

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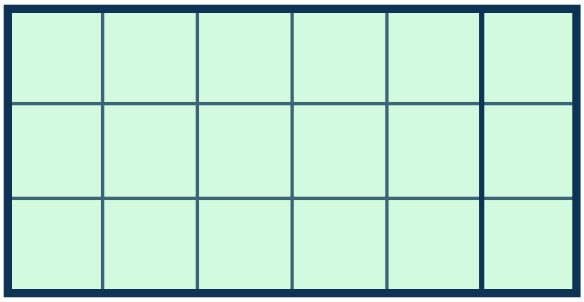
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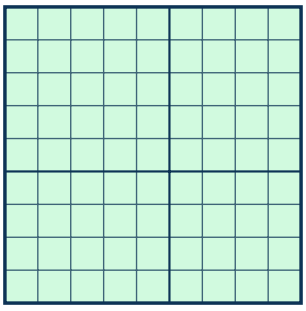


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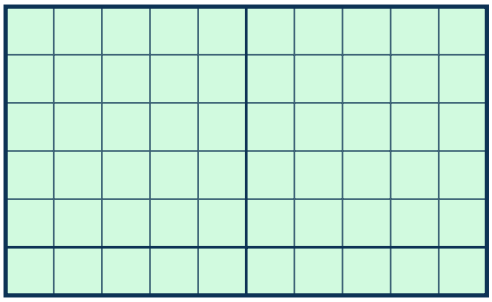
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60

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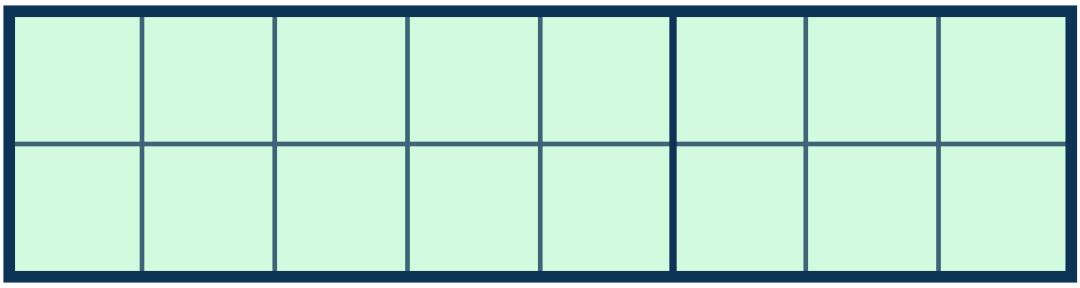
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