Area Concepts

Grade 3 Math Worksheet - Challenge Me

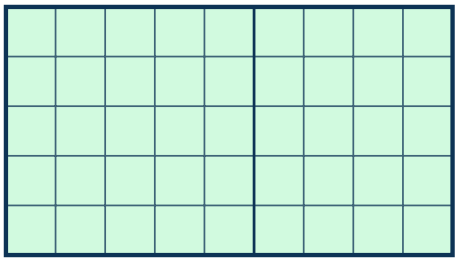
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Name _____ Date _____

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

1. A 6 by 5 rectangle has a 2 by 2 square cut from one corner. What area is left?
   28 square units 30 square units 22 square units 26 square units

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



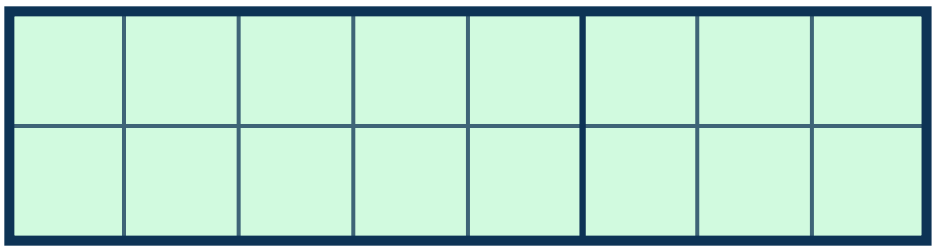
   44 square meters 36 square meters 40 square meters 45 square meters

3. A rectangle has an area of 36 square units. One side is 4 units long. How long is the other side?
   8 units 18 units 9 units 32 units

4. 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?
   12 square units 14 square units 22 square units 20 square units

5. Which has the greater area: a 6 by 4 rectangle or a 5 by 5 square?
   The rectangle, by 1 square unit
   The rectangle, by 2 square units
   The square, by 1 square unit
   They have the same area

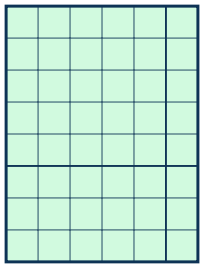
6. Which rectangle has the same area as this one, but a different shape?



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

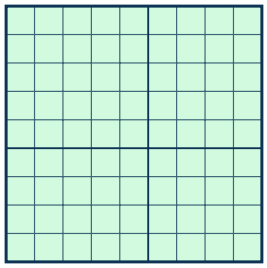
7. Jo tiles an 8 by 4 rectangle. She counts only the squares around the edge. What does she count, and what is the true area?
   She counts 24; the area is 32
   She counts 20; the area is 32
   She counts 12; the area is 32
   She counts 20; the area is 24

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



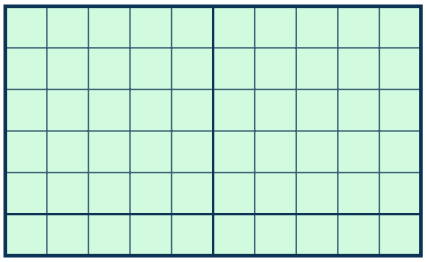
8 + 6 16 + 24 10 + 12 16 + 32

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



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

10. How many unit squares cover this rectangle?



_____

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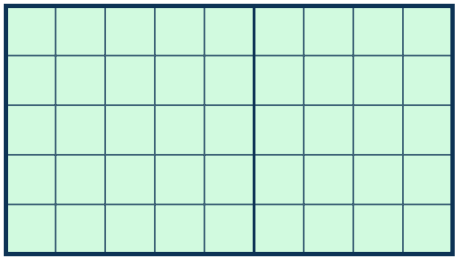
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Answer Key - Grade 3 Math Worksheet - Challenge Me

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

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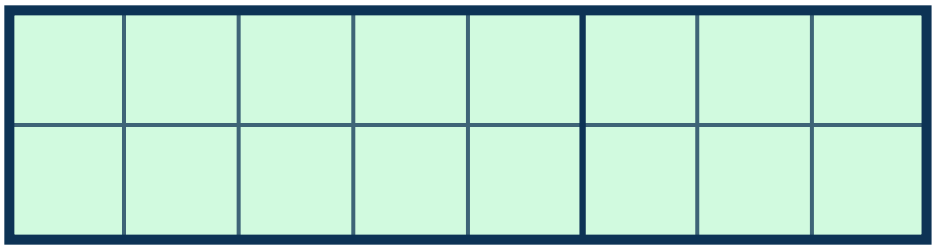
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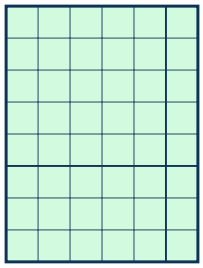
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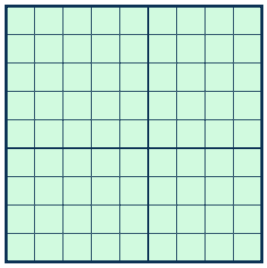
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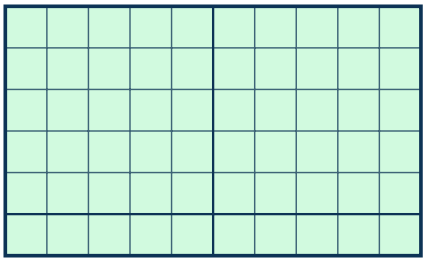
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