Area Concepts

Grade 3 Math Worksheet

PencilGo

Name _____ Date _____

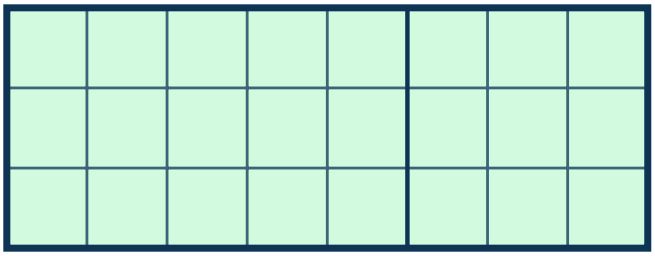
Circle the answer, or write the answer on the line.

1. Max says a 2 by 9 rectangle has an area of 11 square units. What did he do wrong?
   He found the distance around
   He added the sides instead of multiplying
   He left gaps between the squares
   He counted only the edge squares

2. A rectangle is 9 units long and 3 units wide. How many unit squares cover it?

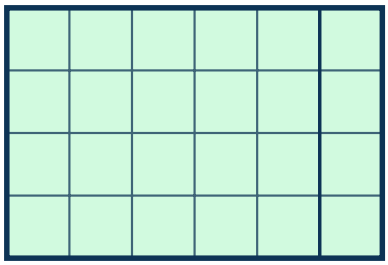
   _____

3. Add one more row of squares to this rectangle. What is the new area?



   27 square units 30 square units 24 square units 32 square units

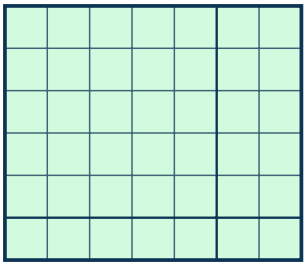
4. What is the area of this rectangle?



   20 square units 16 square units 24 square units 10 square units

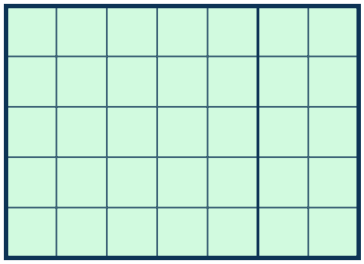
5. Which rectangle is covered by exactly 30 unit squares?
   4 by 8 5 by 5 4 by 7 5 by 6

6. This rectangle is tiled with no gaps or overlaps. What is its area?



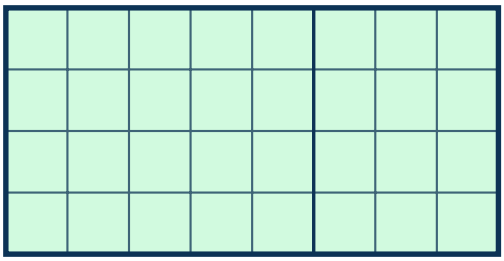
   13 square units 42 square units 26 square units 22 square units

7. How many unit squares cover this rectangle?



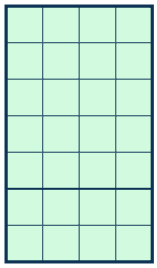
_____

8. Which expression gives the area of this rectangle?



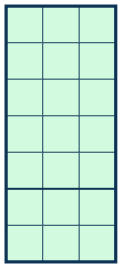
4 + 8 + 4 + 8 4 × 4 4 + 8 4 × 8

9. What is the area of this rectangle in square units?



_____

10. Compare the area of this rectangle with 20 square units. Which is true?



Less: it is 16 square units
Equal: it is 20 square units
More: it is 21 square units
Less: it is 10 square units

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Area Concepts

Answer Key - Grade 3 Math Worksheet

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

1. Max says a 2 by 9 rectangle has an area of 11 square units. What did he do wrong?

   He found the distance around

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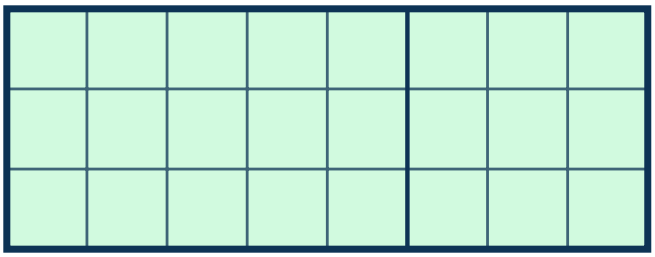
   He left gaps between the squares

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2. A rectangle is 9 units long and 3 units wide. How many unit squares cover it?

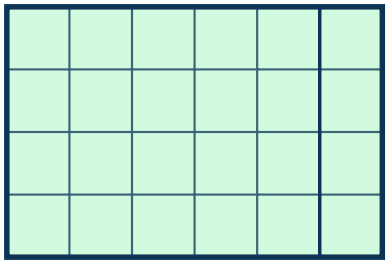
   27

3. Add one more row of squares to this rectangle. What is the new area?



   27 square units 30 square units 24 square units 32 square units

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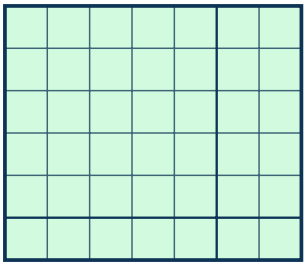


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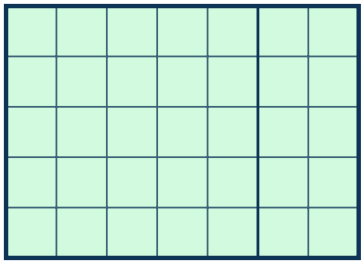
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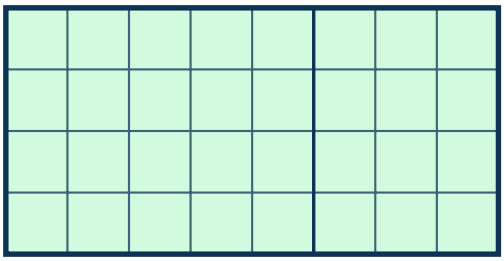
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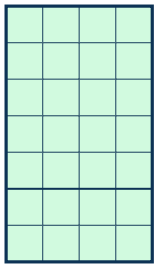
35

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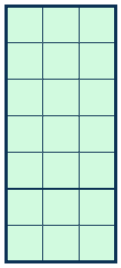
4 + 8 + 4 + 8 4 × 4 4 + 8 4 × 8

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28

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