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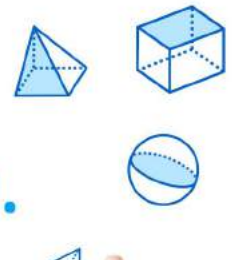

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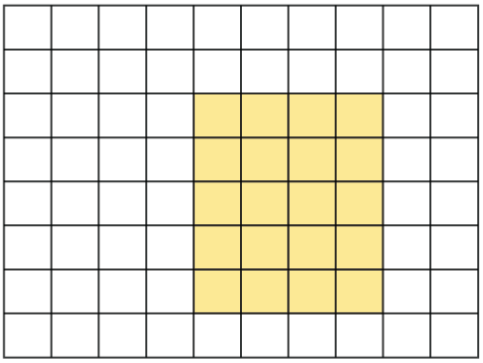
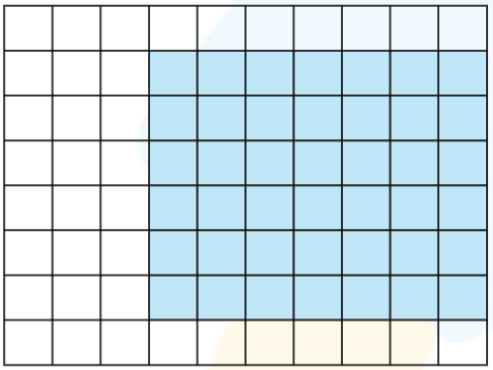
# Area Model Multiplication Worksheets

1. Using the figure below find the multiplication of the given numbers below:



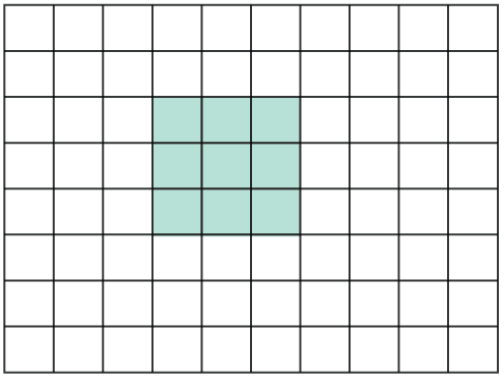
_____ × _____ = _____

2. Observe the model below and find the multiplication of given two numbers:



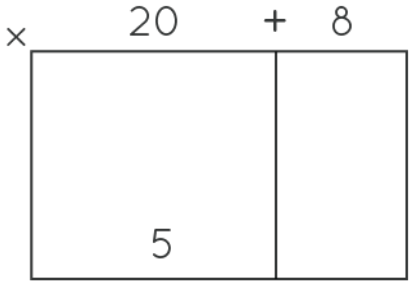
_____ × _____ = _____

3. Find the area of the shaded region if the length of 1 small square is 1 unit.

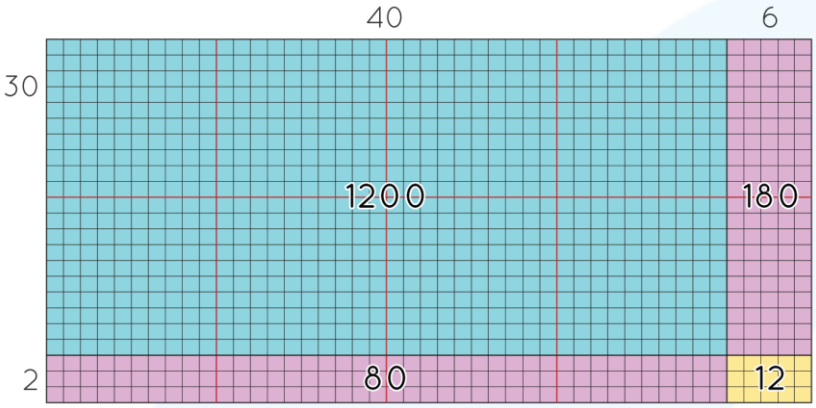


_____ × _____ = _____

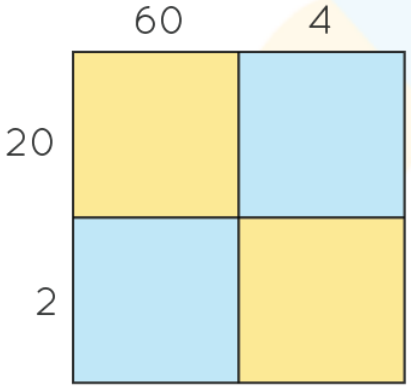
4. Find the product of 28 and 5 using area model 2-digit x 1 -digit.




5. Find the product of 46 × 32 and carefully observe the given model.

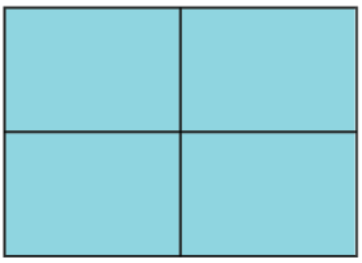



6. Multiply 64 by 22 using the area model.




64 × 22 = _____

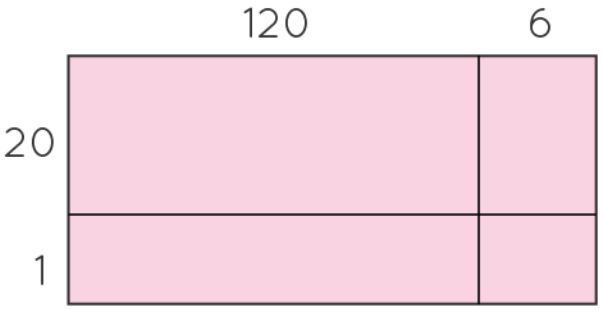
7. Find the product of 16 and 61.



16 × 61 = _____

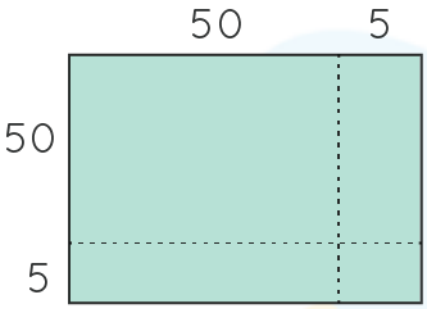
8. In the school each child was given 21 candies, if there were a total of 126 children in the school, what were the total number of candies given?

126 x 21 = _____




126 × 21 = _____

9. Multiply:
55 × 55 = ____




55 × 55 = _____

10. Observe the multiplication of 361 and 50, and in the same way multiply 656 by 30.

361 × 50 = 18050

| X | 300 | 60 | 1 |
|---|---|---|---|
| 50 | 15000 | 3000 | 50 |

18050

18050

656 × 30 = _____

| X | | |
|---|---|---|
| | | |

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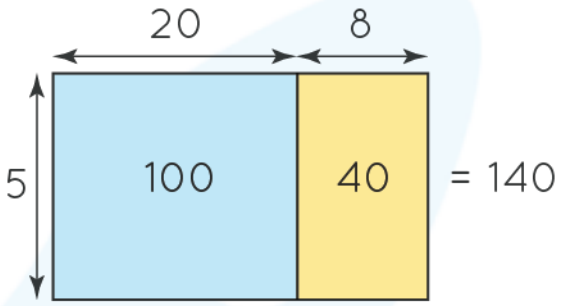
# ANSWERS

| | |
|---|---|
| 1) | 4 × 5= 20 |
| 2) | 7 x 6 = 42 |
| 3) | 3 × 3= 9 square units |
| 4) |   |
| 5) | 1472 |
| 6) | 1408 |
| 7) | 976 |
| 8) | 2646 candies |
| 9) | 3025 |
| 10) | 656 × 30 = 19680 |

| X | 600 | 50 | 6 | |
|---|---|---|---|---|
| 30 | 18000 | 1500 | 180 | 19680 |

19680

## FUN FACT

1. The inverse of multiplication results in division.

2. The zero property in multiplication means that any number multiplied by zero results in zero.

3. The product of two even numbers is always even.