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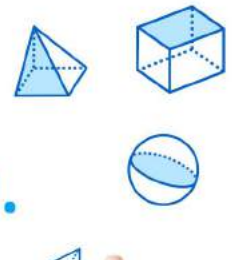

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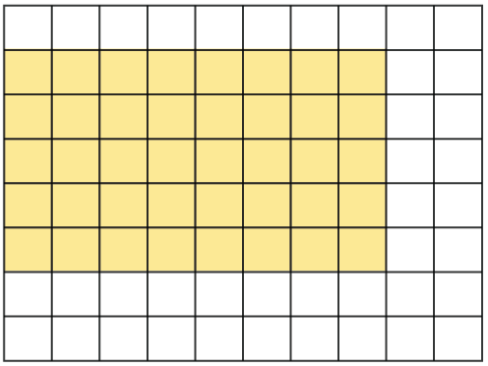
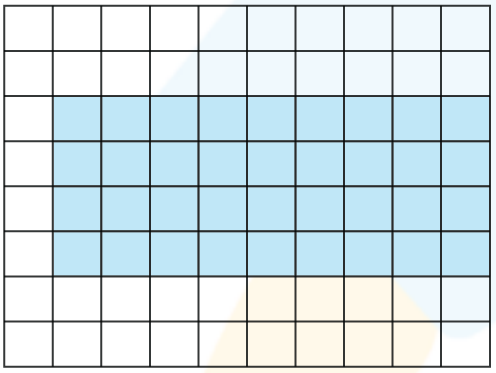
Area Model Multiplication Worksheets

1. Find the multiplication of two given numbers using the model:



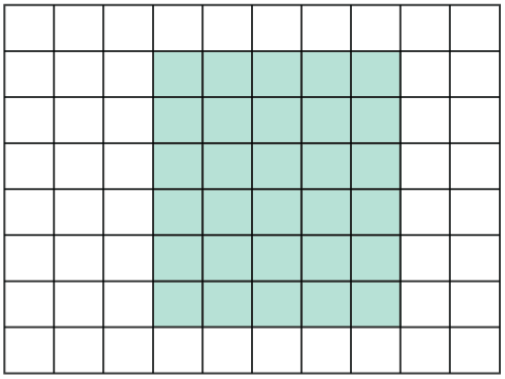
_____ × _____ = _____

2. Find the multiplication of two given numbers using the given model:



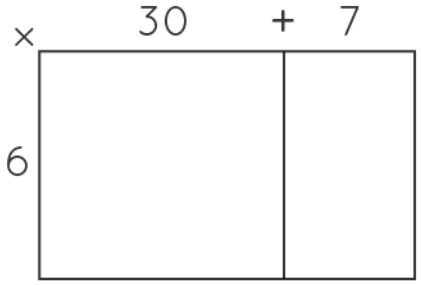
_____ × _____ = _____

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

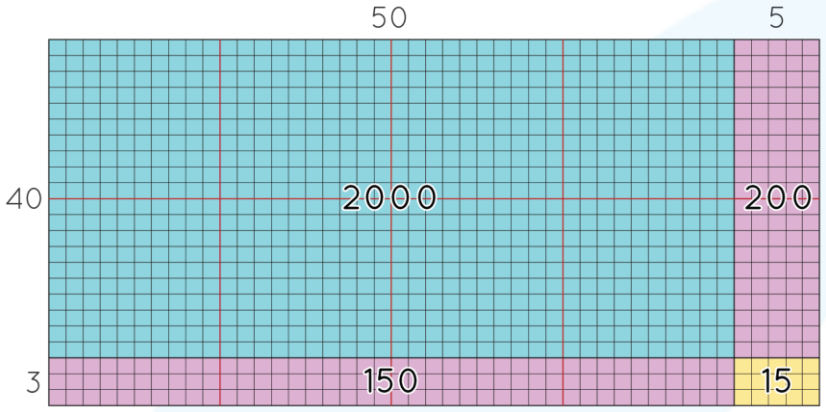


_____ × _____ = _____

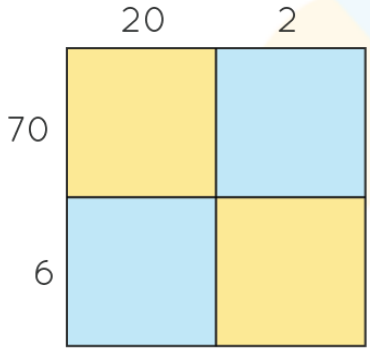
4. Find the product of 37 and 6 using area model 2-digit x 1 -digit.



5. Carefully observe the given model and find the product of 55×43.

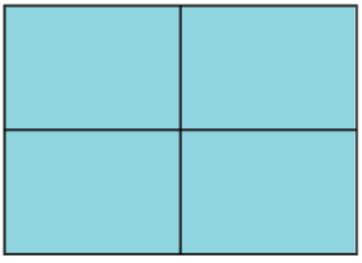


6. Multiply 76 by 22 using the area model.



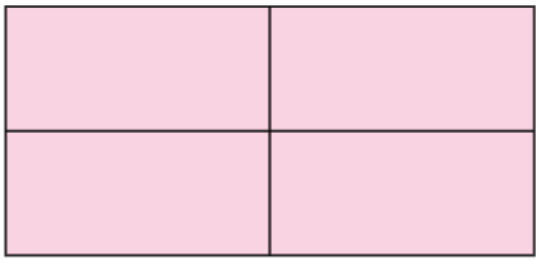
76 × 22 = _____

7. Find the product of 14 and 41.



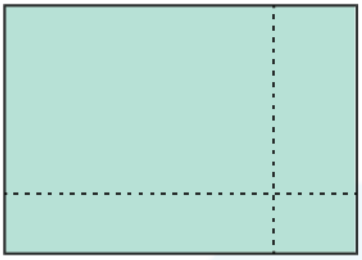
14 × 41 = _____

8. A shopkeeper has 32 bags having 88 balls in each. Howe many balls are there in total?



88 × 32 = _____

9. Multiply:
86 × 86 = ____



86 × 86 = _____

10. Observe the multiplication of 133 and 20, and in the same way multiply 234 by 50.

133 × 20 = 2660

X	100	30	3
20	2000	600	60

→ 2660

2660

234 × 50 = _____

X		

→

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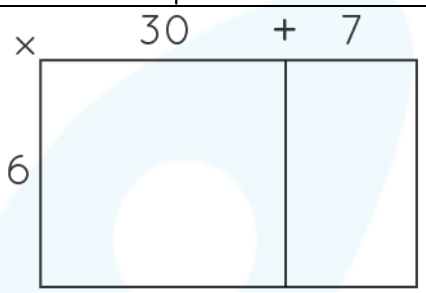
ANSWERS

1)	8 x 5 = 40
2)	9 × 4= 36
3)	5 x 6 = 30 unit square
4)	
5)	2365
6)	1672
7)	574
8)	2816 balls
9)	7396
10)	234 × 50 = 11700

FUN FACT

1. Multiplication can be done in any order which is the Commutative property.

2. The product of 1 and any number is the number itself.

3. Associative property of multiplication states that the numbers can be grouped in any order for multiplication.