

Use arrays

1 Complete the sentences to match the array.



There are rows of muffins.

$$\square + \square + \square + \square + \square = \square$$

$$\square \times \square = \square$$

There are columns of muffins.

$$\square + \square + \square + \square + \square + \square = \square$$

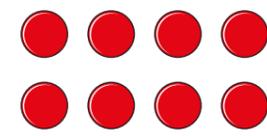
$$\square \times \square = \square$$

What do you notice?



2 Complete the number sentences to match the array.

$$\square + \square + \square + \square = \square$$

$$\square \times \square = \square$$


$$\square + \square = \square$$

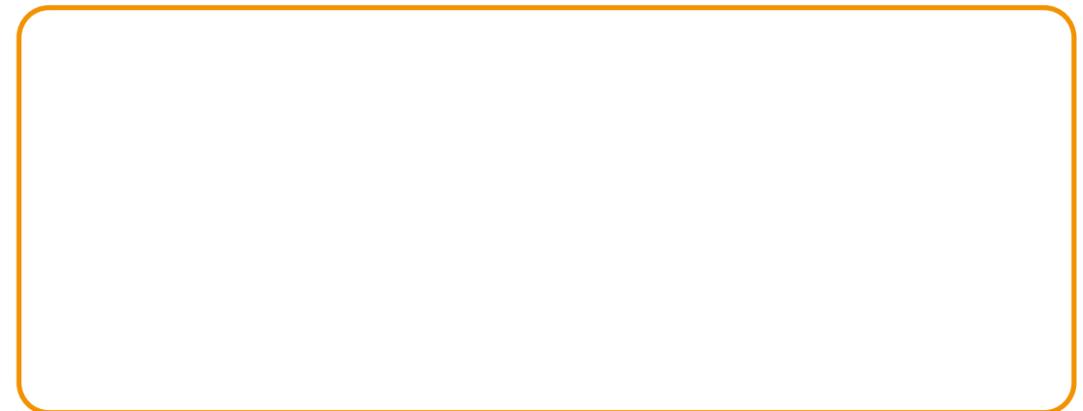
$$\square \times \square = \square$$

3 Make arrays to match the multiplications.

$$5 \times 3$$

$$2 \times 6$$

4 Draw an array to show 4×10



Complete the sentences.

There are rows of counters.

$$\square \times \square = \square$$

There are columns of counters.

$$\square \times \square = \square$$



5 Use 20 counters to make three different arrays.

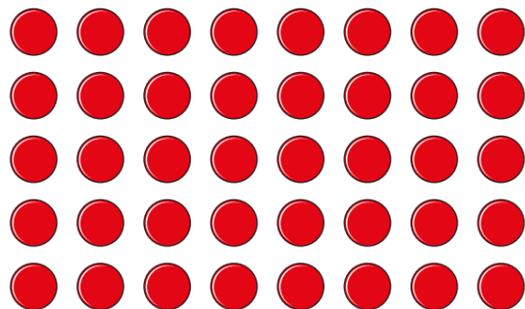
Draw the arrays.

Write three multiplication sentences to match the arrays.

× = × =

× =

6 Tick the cards that match the array.



$5 + 5 + 5 + 5 + 5 + 5 + 5 + 5$

$8 + 8 + 8 + 8 + 8 + 8 + 8 + 8$

8×4

8×5

5×9

5×8

$8 + 8 + 8 + 8 + 8$

$8 \times 8 \times 8 \times 8 \times 8$

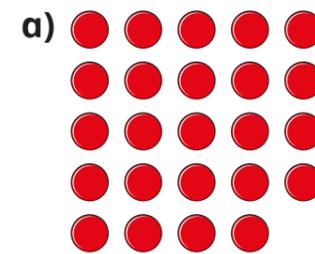
35

40

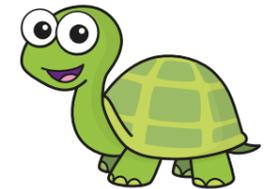
45



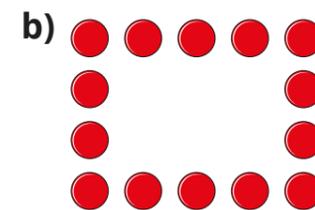
7 Tiny is using counters to find multiplication facts.



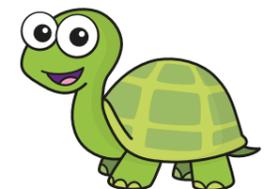
$5 \times 5 = 24$



What mistake has Tiny made?

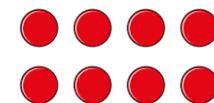


$5 \times 4 = 14$



What mistake has Tiny made?

8 Mo makes this array.



He has ten more counters.

What arrays can Mo make using all of his counters?

Write the multiplication sentences.
