

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.

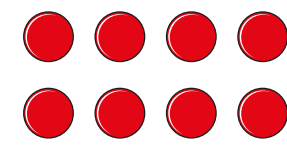
$$\square + \square + \square + \square + \square + \square = \square$$

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

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.

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



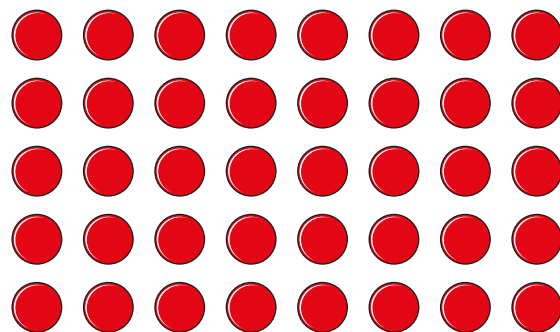
- 5 Use 20 counters to make three different arrays.
Draw the arrays.

Write three multiplication sentences to match the arrays.

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

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

- 6 Tick the cards that match the array.



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

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

$$8 \times 4$$

$$8 \times 5$$

$$5 \times 9$$

$$5 \times 8$$

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

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

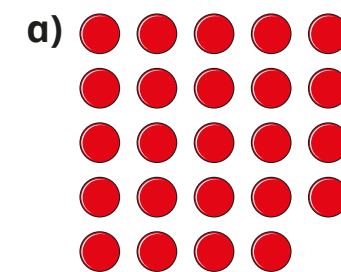
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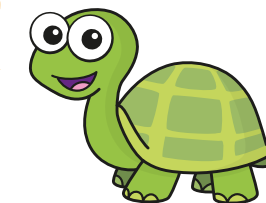
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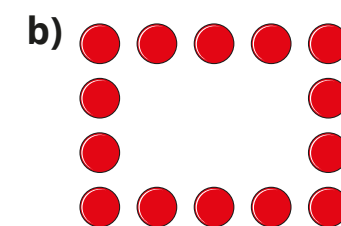
- 7 Tiny is using counters to find multiplication facts.



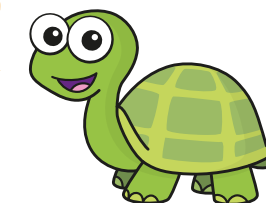
$$5 \times 5 = 24$$



What mistake has Tiny made?

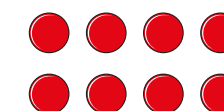


$$5 \times 4 = 14$$



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.
