



# Multiplication as repeated addition

Write how many.

There are  groups.

There are  in each group.

You can add.

You can multiply.



$$\boxed{2} + \boxed{2} + \boxed{2} = \boxed{6}$$

$$\boxed{3} \text{ twos} = \boxed{6}$$

$$\boxed{3} \times \boxed{2} = \boxed{6}$$

Write how many.



$$\boxed{2} + \boxed{2} + \boxed{2} + \boxed{2} = \boxed{\quad}$$

$$4 \text{ twos} = \boxed{\quad}$$



$$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$$

$$\boxed{\quad} \text{ twos} = \boxed{\quad}$$



$$\boxed{\quad} + \boxed{\quad} + \boxed{\quad} + \boxed{\quad} + \boxed{\quad} = \boxed{\quad}$$

$$\boxed{\quad} \text{ twos} = \boxed{\quad}$$



$$\boxed{3} + \boxed{3} = \boxed{\quad}$$

$$2 \text{ threes} = \boxed{\quad}$$



$$\boxed{\quad} + \boxed{\quad} + \boxed{\quad} + \boxed{\quad} = \boxed{\quad}$$

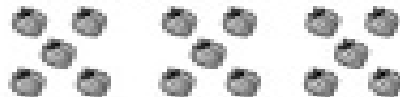
$$\boxed{\quad} \text{ threes} = \boxed{\quad}$$



$$\boxed{\quad} + \boxed{\quad} + \boxed{\quad} = \boxed{\quad}$$

$$\boxed{\quad} \text{ threes} = \boxed{\quad}$$

Write how many.



How many groups?

How many in each group?

Write as addition.

$$\boxed{\quad} + \boxed{\quad} + \boxed{\quad} = \boxed{\quad}$$

Write as multiplication.

$$\boxed{\quad} \times \boxed{\quad} = \boxed{\quad}$$



How many groups?

How many in each group?

Write as addition.

$$\boxed{\quad} + \boxed{\quad} + \boxed{\quad} + \boxed{\quad} = \boxed{\quad}$$

Write as multiplication.

$$\boxed{\quad} \times \boxed{\quad} = \boxed{\quad}$$