



Multiplication as repeated addition

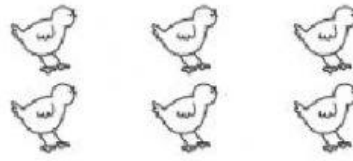
Write how many.

There are groups.

There are in each group.

You can add.

You can multiply.

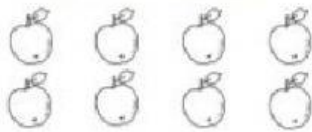


$$\text{2} + \text{2} + \text{2} = \text{6}$$

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

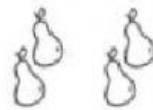
$$\text{3} \times \text{2} = \text{6}$$

Write how many.



$$\text{2} + \text{2} + \text{2} + \text{2} = \text{8}$$

$$\text{4 twos} = \text{8}$$



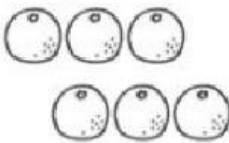
$$\text{2} + \text{2} = \text{4}$$

$$\text{2 twos} = \text{4}$$



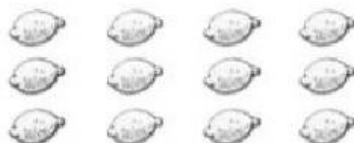
$$\text{2} + \text{2} + \text{2} + \text{2} + \text{2} = \text{10}$$

$$\text{5 twos} = \text{10}$$



$$\text{3} + \text{3} = \text{6}$$

$$\text{2 threes} = \text{6}$$



$$\text{3} + \text{3} + \text{3} + \text{3} = \text{12}$$

$$\text{4 threes} = \text{12}$$



$$\text{3} + \text{3} + \text{3} = \text{9}$$

$$\text{3 threes} = \text{9}$$

Write how many.



How many groups?

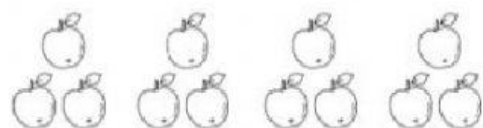
How many in each group?

Write as addition.

$$\text{3} + \text{3} + \text{3} = \text{9}$$

Write as multiplication.

$$\text{3} \times \text{3} = \text{9}$$



How many groups?

How many in each group?

Write as addition.

$$\text{2} + \text{2} + \text{2} + \text{2} = \text{8}$$

Write as multiplication.

$$\text{4} \times \text{2} = \text{8}$$