

HOW MANY WAYS?



1) Count up in 4s from 4 to 40

2) Complete the repeated additions

$$3 + 3 =$$

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3) Complete the multiplications

$$8 \times 1 =$$

$$8 \times 4 =$$

$$8 \times 2 =$$

$$8 \times 5 =$$

$$8 \times 3 =$$

$$8 \times 6 =$$

1) Count up in 4s from 4 to 40

4, 8, 12, 16, 20, 24, 28, 32, 36, 40

2) Complete the repeated additions

$$3 + 3 = 6$$

$$3 + 3 + 3 = 9$$

$$3 + 3 + 3 + 3 = 12$$

3) Complete the multiplications

$$8 \times 1 = 8$$

$$8 \times 4 = 32$$

$$8 \times 2 = 16$$

$$8 \times 5 = 40$$


$$8 \times 3 = 24$$

$$8 \times 6 = 48$$

The children are dressing the snowman.
They have 3 hats and 2 scarves to choose from.



Hat	Scarf
blue	green

Have a think 

How many different combinations could they use?
Complete the table to see how many. One has
been done for you.

Answer



Hat	Scarf
blue	green
blue	blue
green	green
green	blue
pink	green
pink	blue

How many different combinations could they have a think



$$2 + 2 + 2 = 6$$

$$3 \times 2 = 6$$

What if they have 4 hats and 3 scarves to choose from?



Hat	Scarf

Complete the table to see how many combinations they could use.

Answers

What if they have 4 hats and 3 scarves to choose from?



$$3 + 3 + 3 + 3 = 12$$

$$4 \times 3 = 12$$

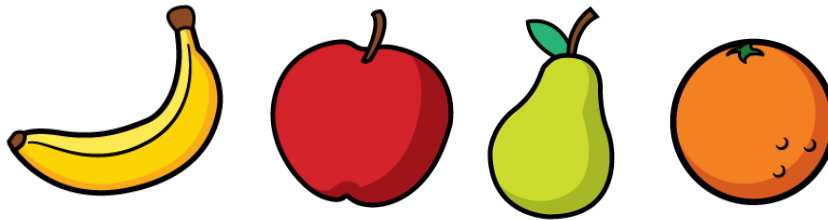


Hat	Scarf
blue	green
blue	blue
blue	yellow
green	green
green	blue
green	yellow
pink	green
pink	blue
pink	yellow
grey	green
grey	blue
grey	yellow

Have a think



Whitney is choosing a piece of fruit and a drink.
How many different possible combinations
are there?



$$4 + 4 = 8$$

$$2 \times 4 = 8$$

There are 8 possible combinations.

Have a think



Dexter is choosing an ice-cream.

He chooses one flavour of ice-cream and one sauce.

There are 8 different ice-cream flavours.




How many different sauces are there?

$$8 \times \square = 24$$



There are 24 different possible combinations.

Have a think 

Whitney's fruit question

$$4 + 4 = 8$$

$$2 \times 4 = 8$$

There are 8 possible combinations.

Dexter's ice cream question

$$3 \text{ sauces because } 8 \times 3 = 24$$