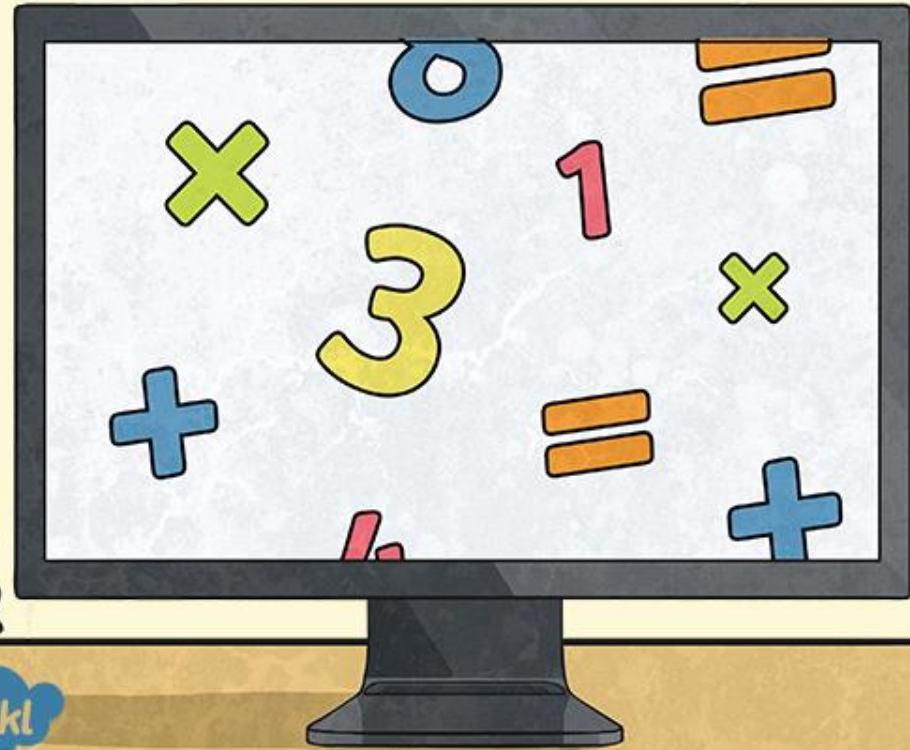
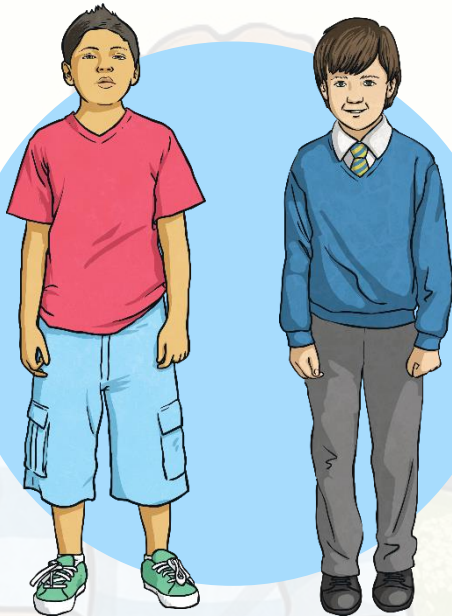


# Multiplication as Repeated Addition

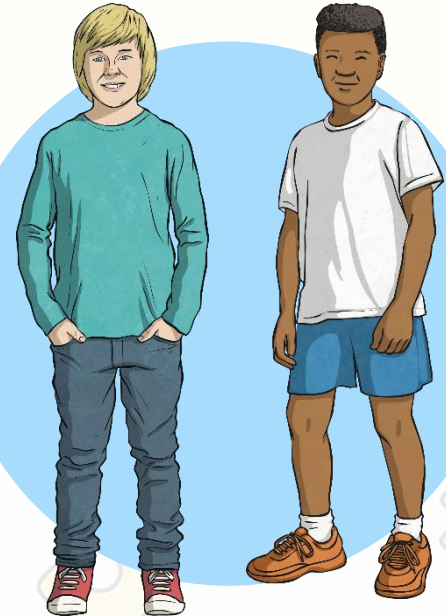


Each boy is wearing 2 shoes. There are 4 boys.



Let's add the shoes.

$$2 + 2 + 2 + 2 = 8$$



How many times do you see the number 2?

4

We can write this sum a different way.

$$4 \times 2 = 8$$



Each monkey has 2 bananas. There are 6 monkeys.



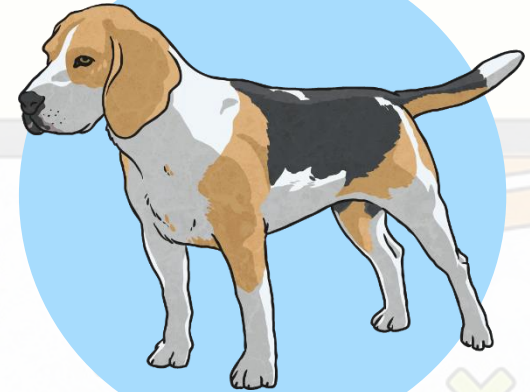
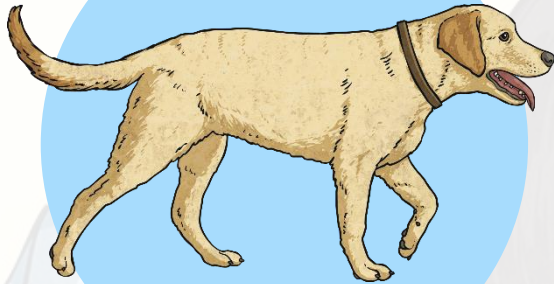
Addition sentence:

$$2 + 2 + 2 + 2 + 2 + 2 = 12$$

Multiplication sentence:

$$6 \times 2 = 12$$

Each dog has 4 legs. There are 3 dogs here.



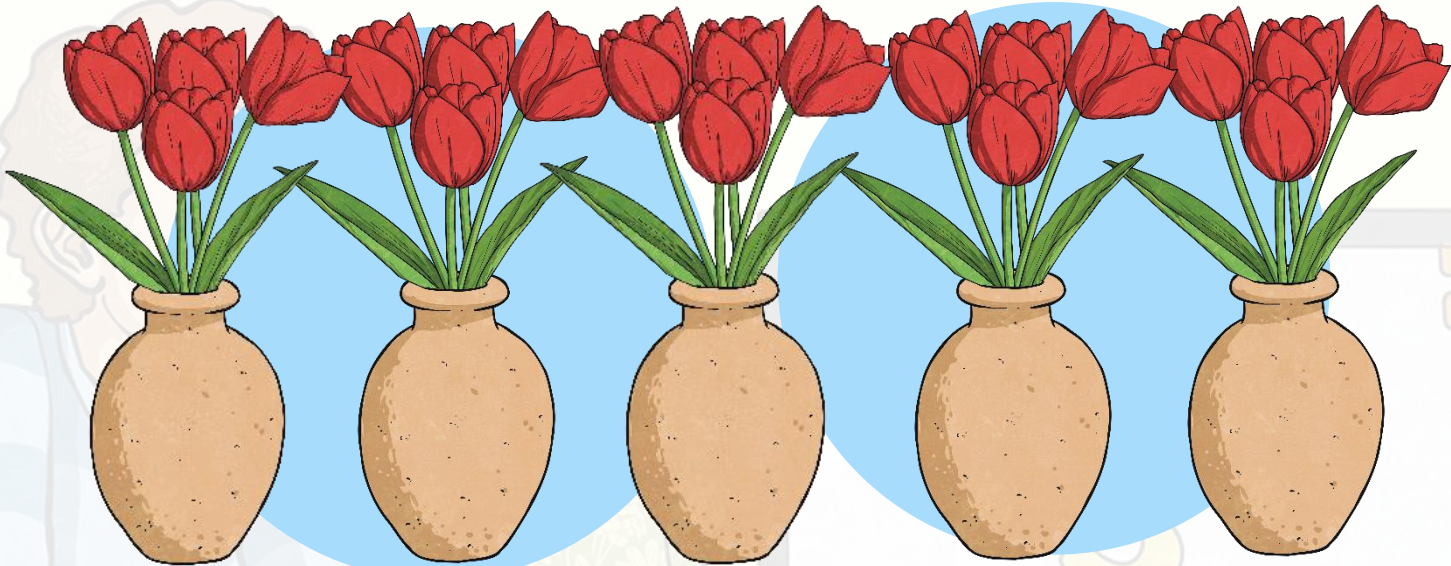
How do we write this as an **addition** sentence?

$$4 + 4 + 4 = 12$$

How do we write it as a **multiplication** sentence?

$$3 \times 4 = 12$$

There are 4 flowers in each vase. There are 5 vases here.



How do we write this as an **addition** sentence?

$$4 + 4 + 4 + 4 + 4 = 20$$

How do we write it as a **multiplication** sentence?

$$5 \times 4 = 20$$

# Quick Quiz

**Addition**

$$3 + 3 + 3 + 3 + 3 + 3$$

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

$$7 + 7 + 7$$

$$4 + 4 + 4 + 4$$

**Multiplication**

$$6 \times 3$$

$$5 \times 5$$

$$3 \times 7$$

$$4 \times 4$$

**Answer**

**18**

**25**

**21**

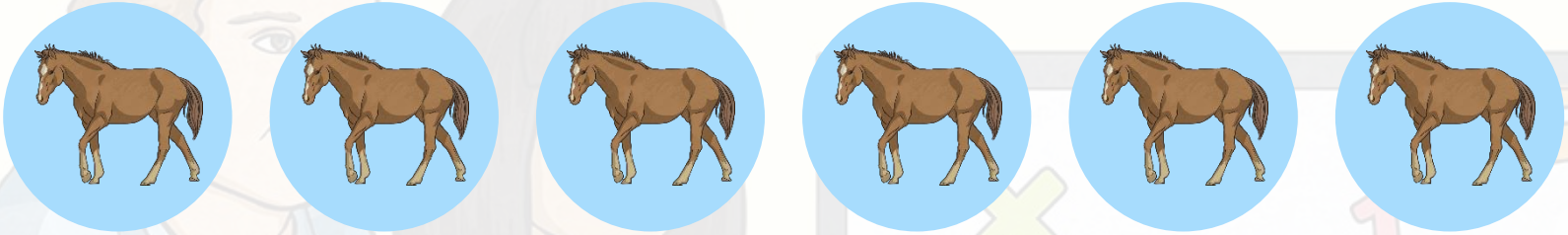
**16**

**Reveal answers**



# Try these with your partner.

Each horse has 4 legs. There are 6 horses here.



$$4 + 4 + 4 + 4 + 4 + 4 =$$

24

How do you write this as a multiplication sentence?

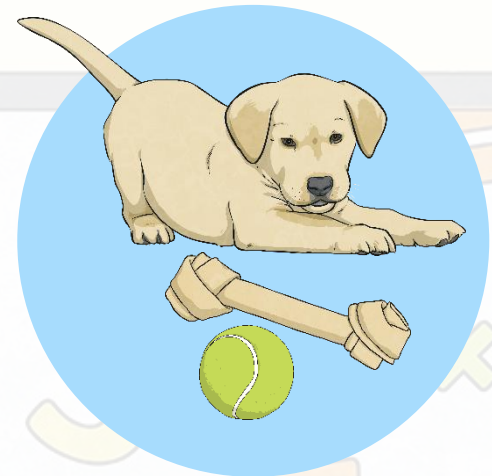
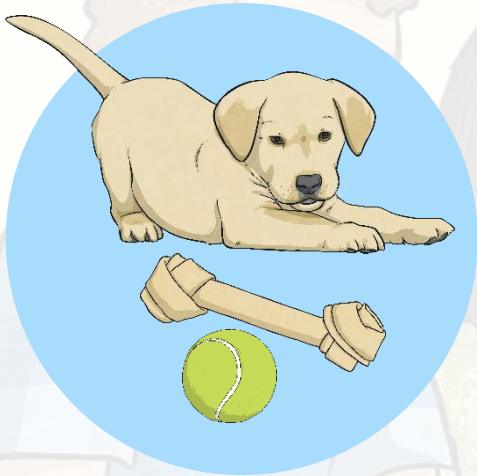
$$6 \times 4 = 24$$

How many legs do the horses have altogether?

24

# Try these with your partner.

Sam had 3 puppies. Each puppy had 2 toys.



How many toys were there altogether?

6

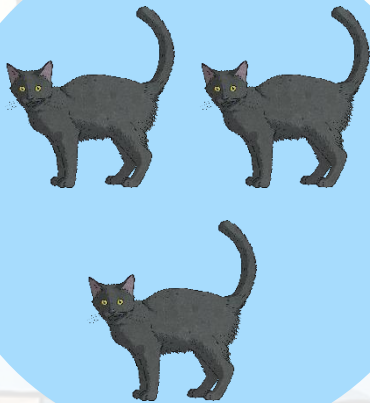
How do you write that as a multiplication sentence?

$3 \times 2 = 6$



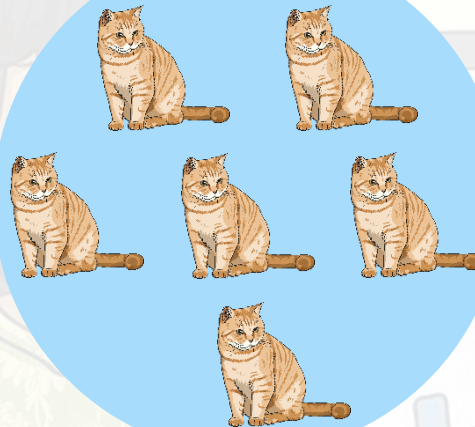
# Try these with your partner.

How many legs have...



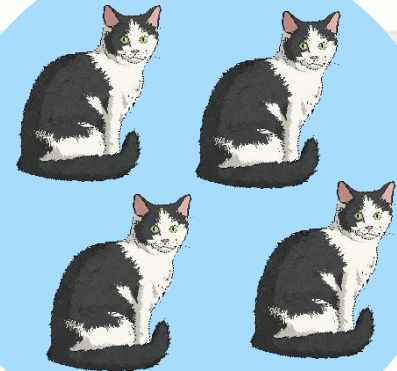
...3 cats?

$$3 \times 4 = 12$$



...6 cats?

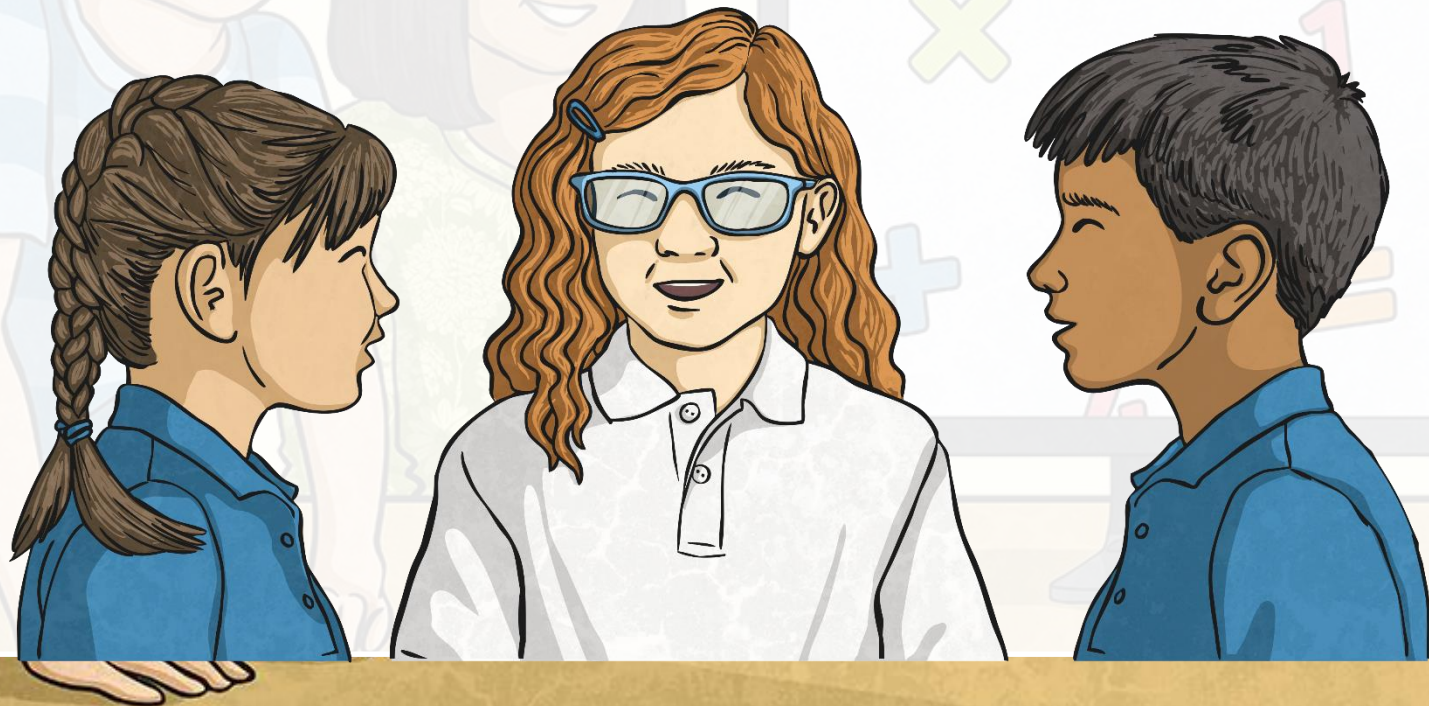
$$6 \times 4 = 24$$



...4 cats?

Answers

**Now come up with your own question and challenge your partner.**





twinkl

