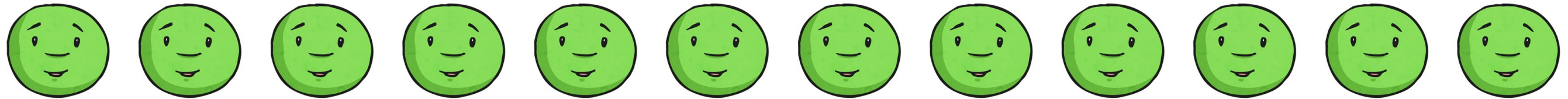
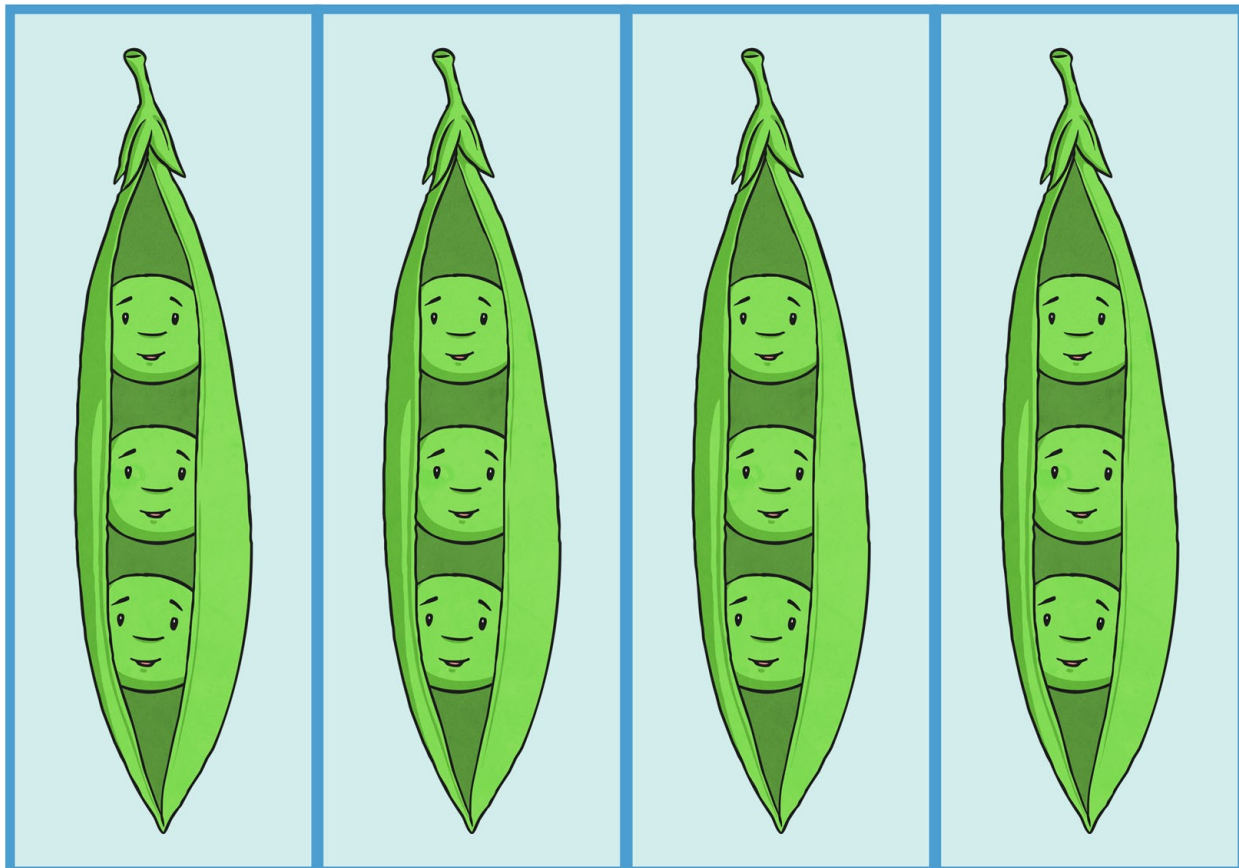


Understanding Arrays

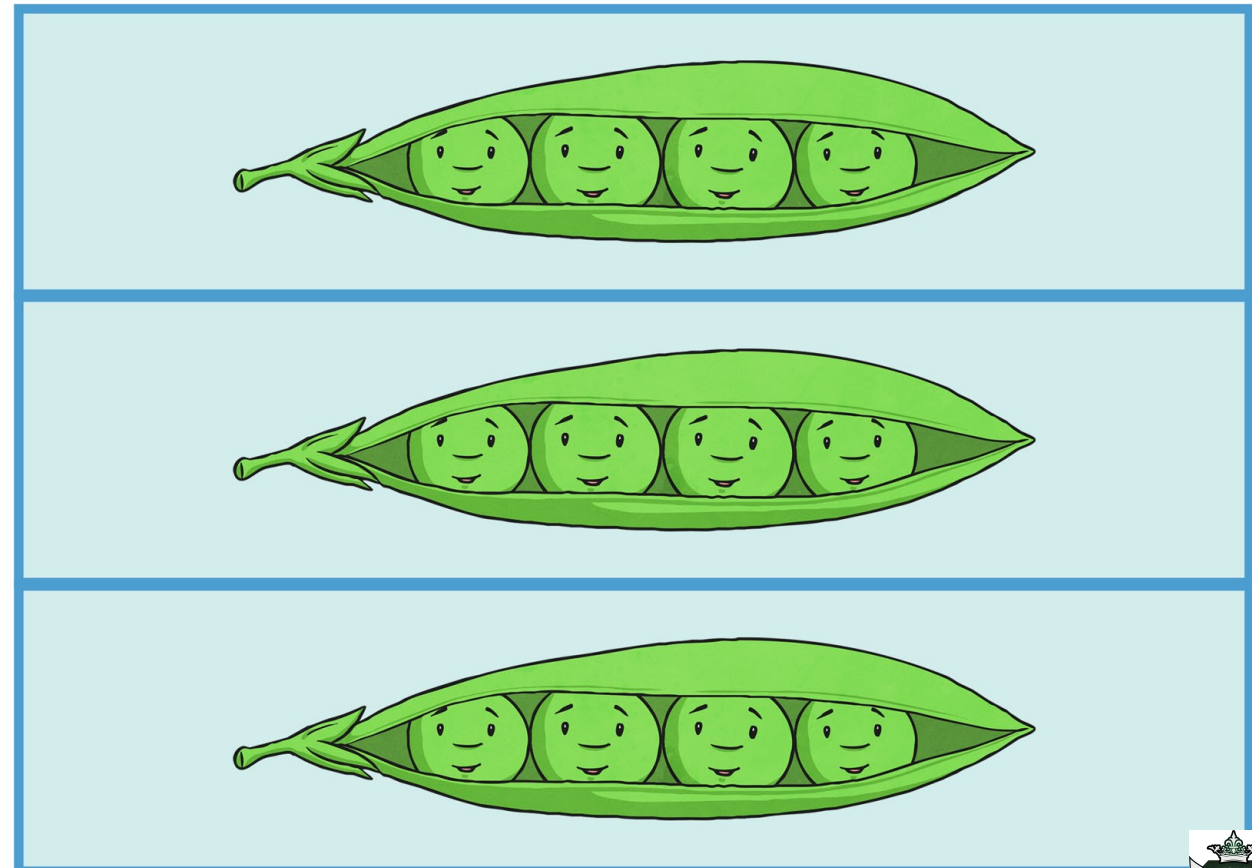
Peas like to be in pods. Pea pods can be as big as you like but they must contain the same number of peas in each pod.



These 12 peas are in 4 groups of 3



These 12 peas are in 3 groups of 4



So we know that

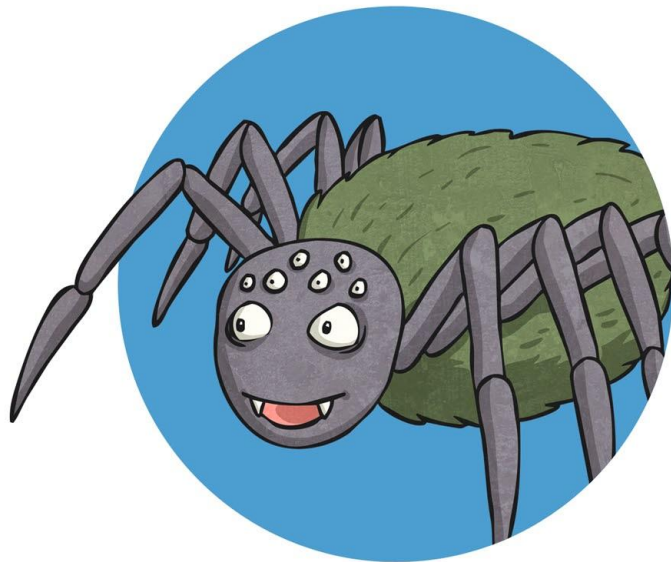
$$3 \times 4 = 12$$

$$12 \div 4 = 3$$

$$4 \times 3 = 12$$

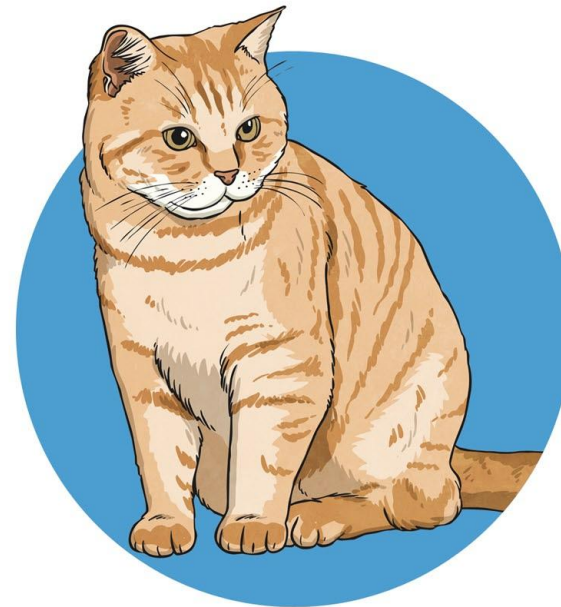
$$12 \div 3 = 4$$

Can you work these out for yourself?



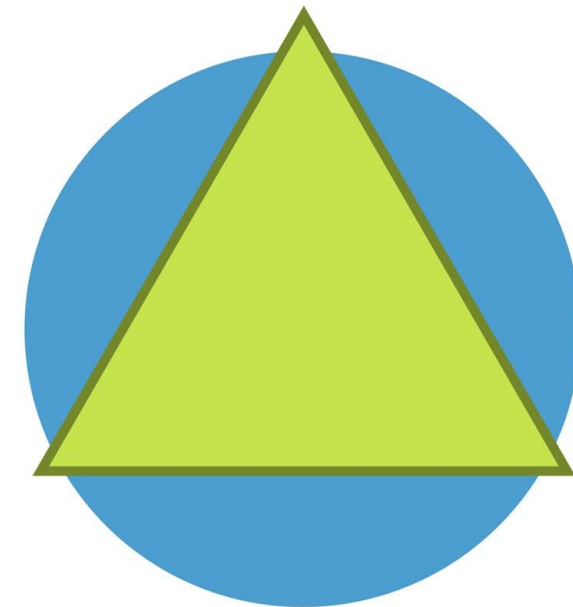
64 legs

How many spiders?



48 legs

How many cats?

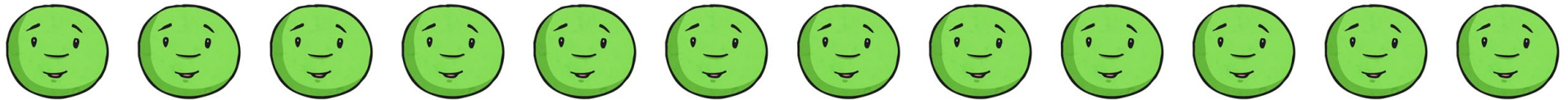


24 corners

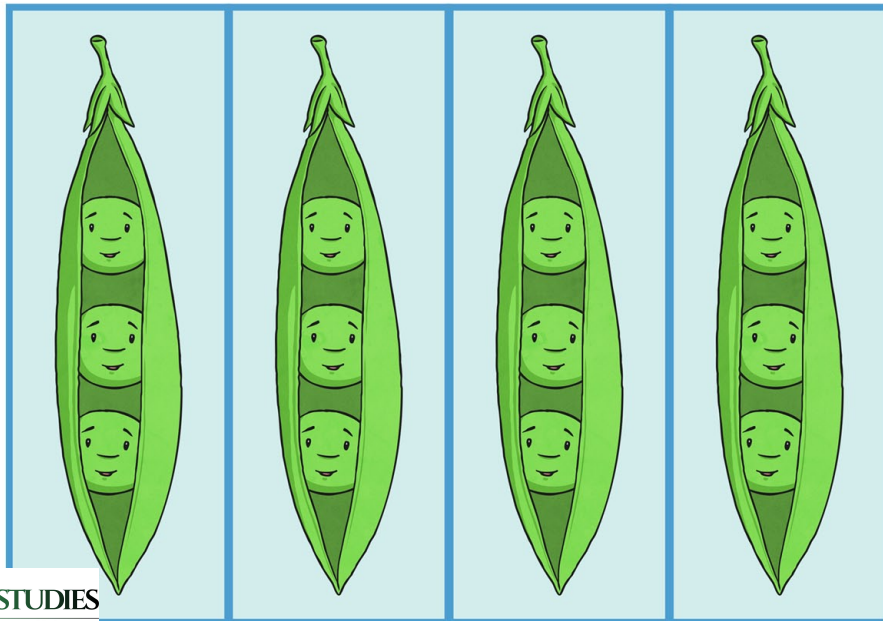
How many triangles?

Understanding Arrays

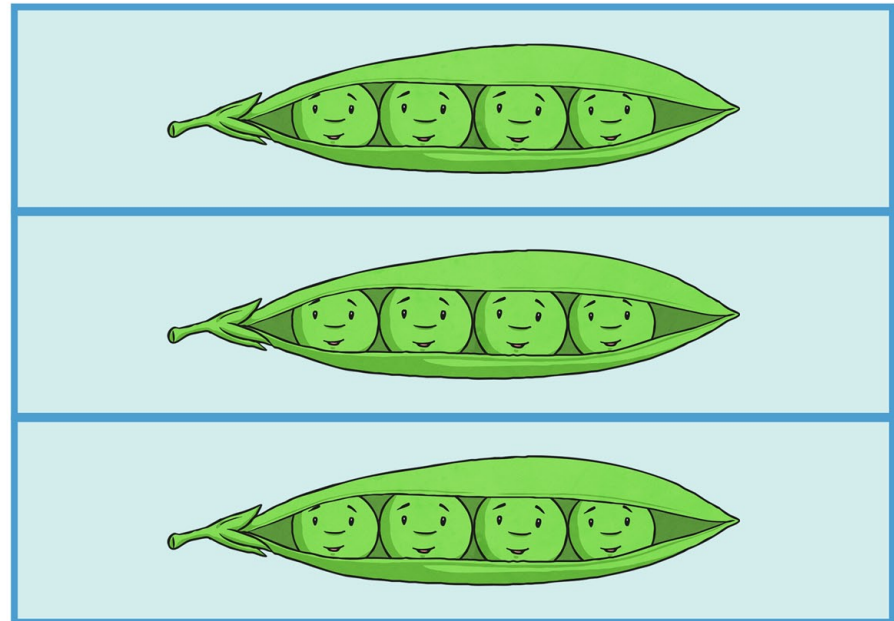
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$$12 \div 4 = 3$$

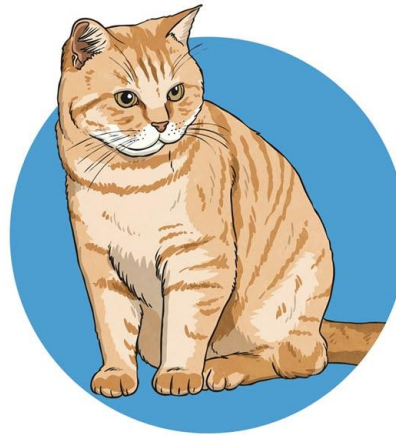
$$12 \div 3 = 4$$

Can you work these out for yourself?



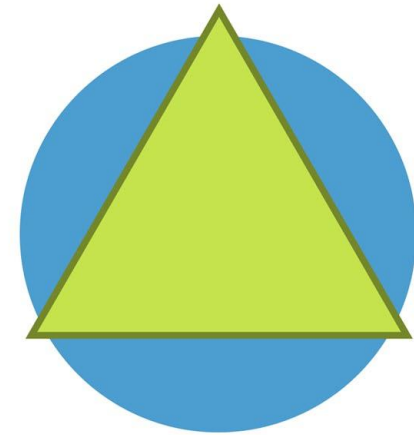
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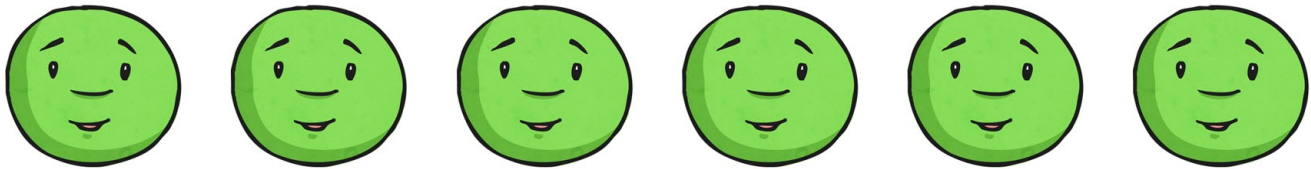


24 corners

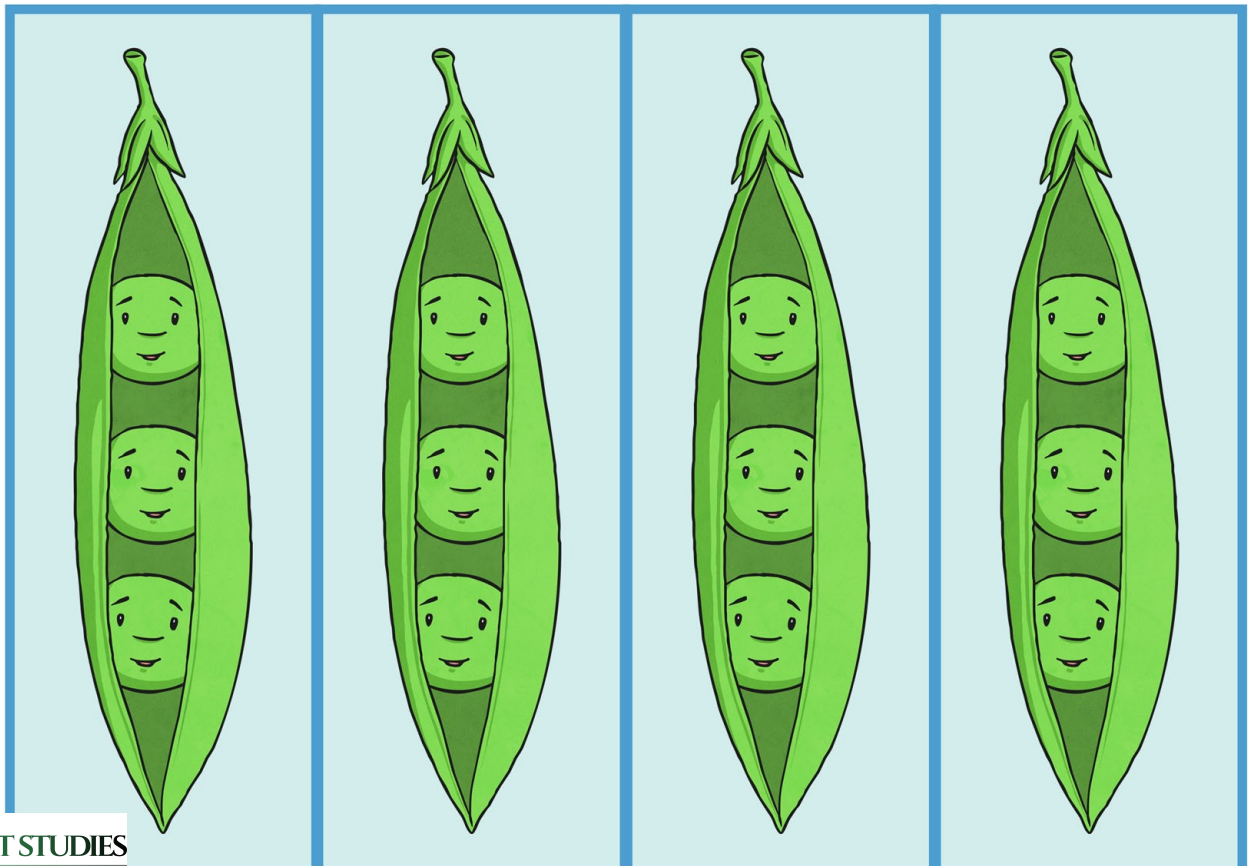
How many triangles?

Understand

Peas like to be in pods. Pea pods must contain the same number of peas.

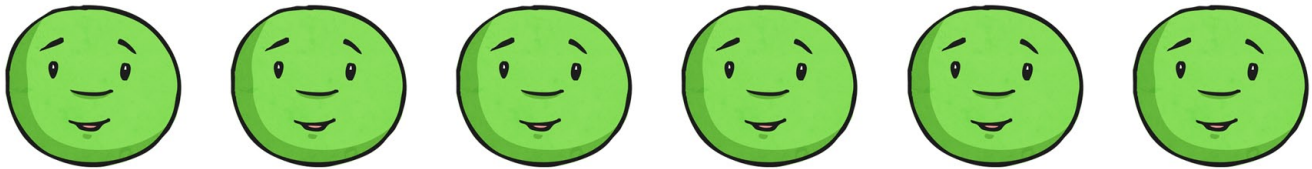


These 12 peas are in 4 groups of 3

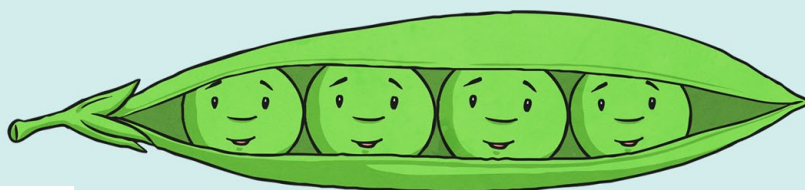
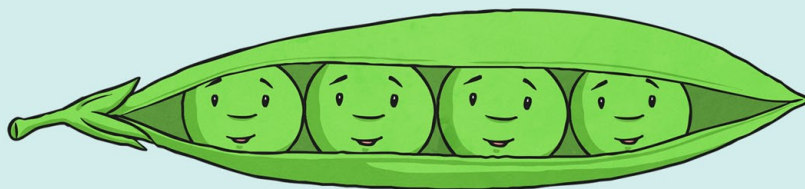
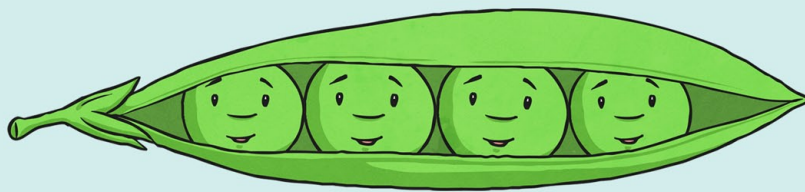


Counting Arrays

Arrays can be as big as you like but they have the same number of peas in each pod.



These 12 peas are in 3 groups of 4

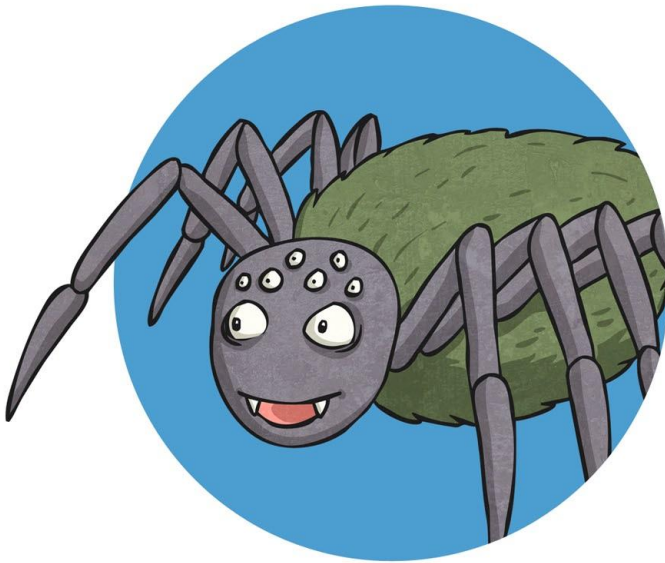


So we know

$$3 \times 4 = 12$$

$$12 \div 4 = 3$$

Can you work these



64 legs

How many spiders?



48 legs

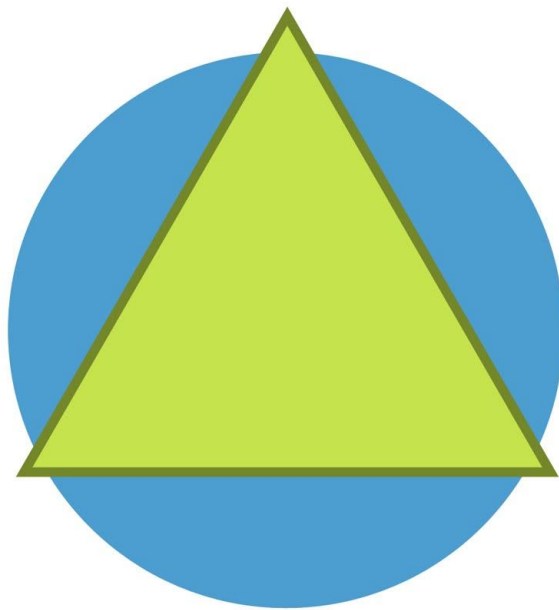
How many cats?

Now that

$$4 \times 3 = 12$$

$$12 \div 3 = 4$$

Work out for yourself?



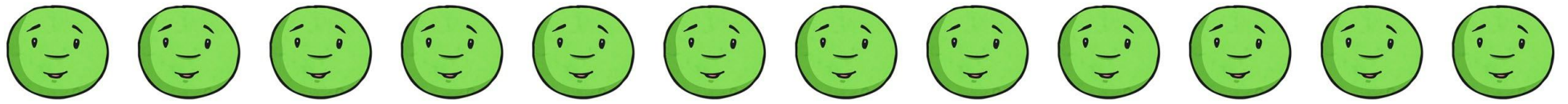
legs
How many cats?

24 corners
How many triangles?

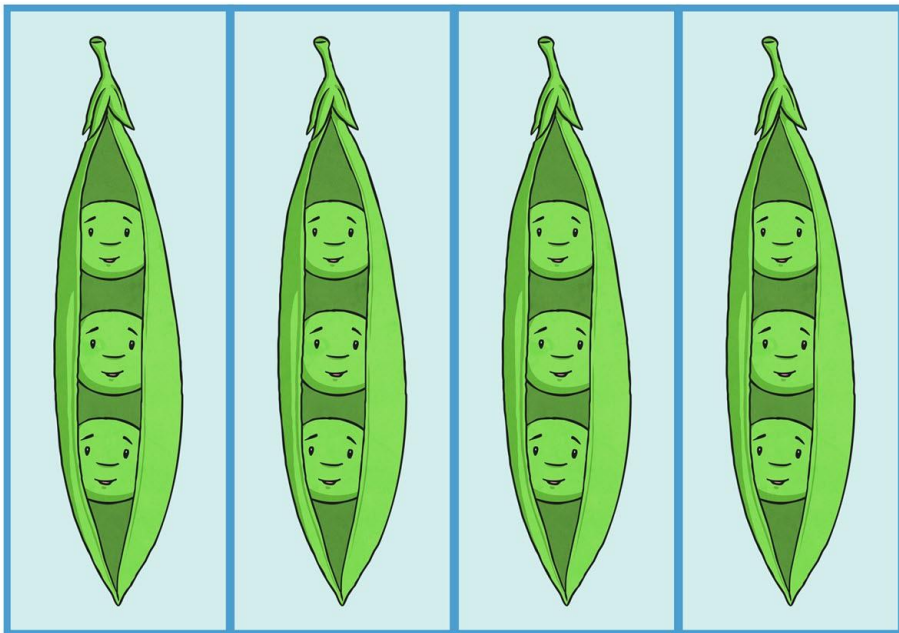


Understanding Arrays

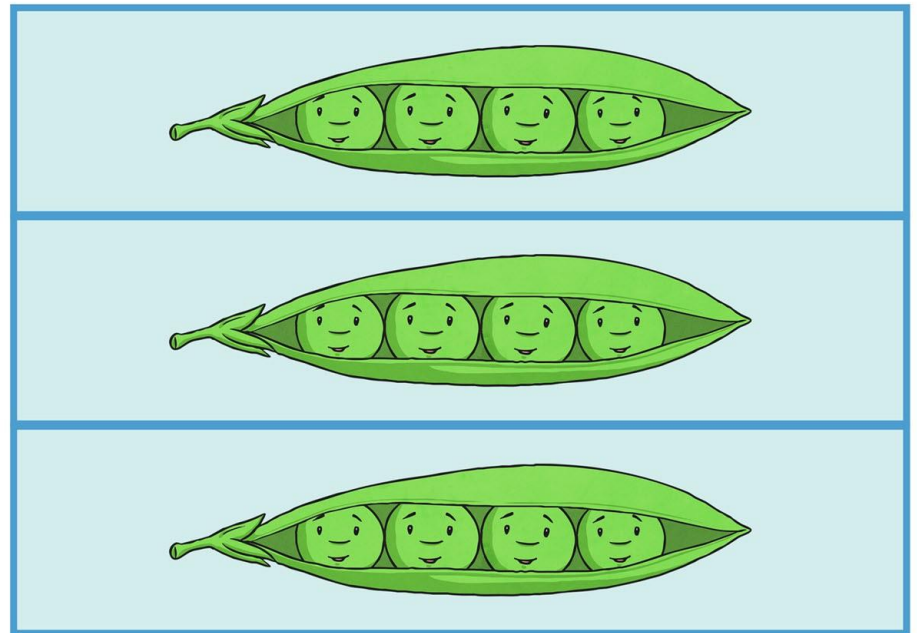
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So we know that

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$$12 \div 4 = 3$$

$$4 \times 3 = 12$$

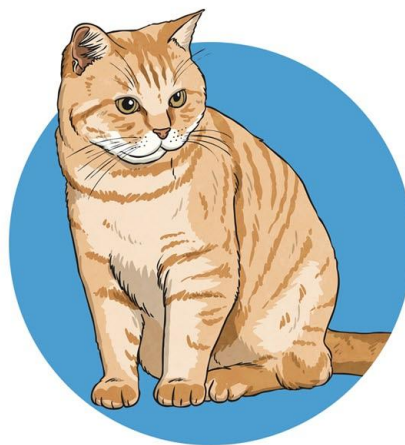
$$12 \div 3 = 4$$

Can you work these out for yourself?



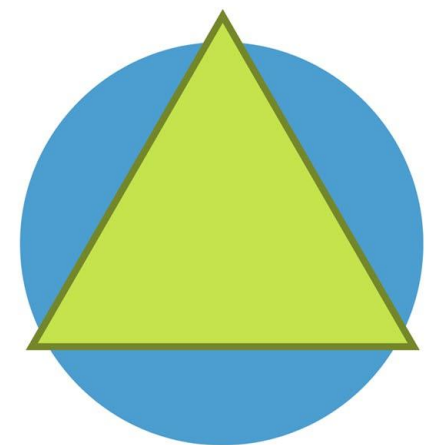
64 legs

How many spiders?



48 legs

How many cats?



24 corners

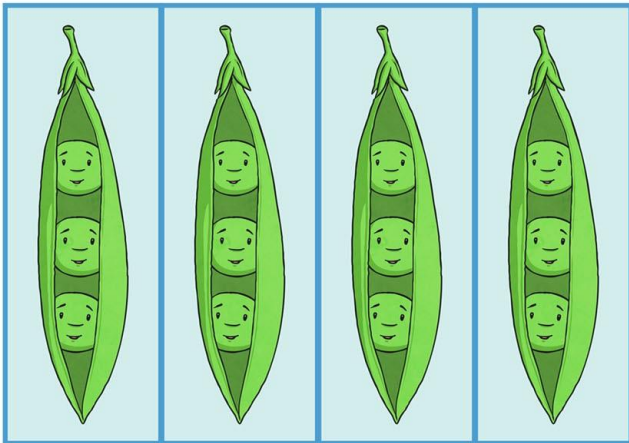
How many triangles?

Understanding Arrays

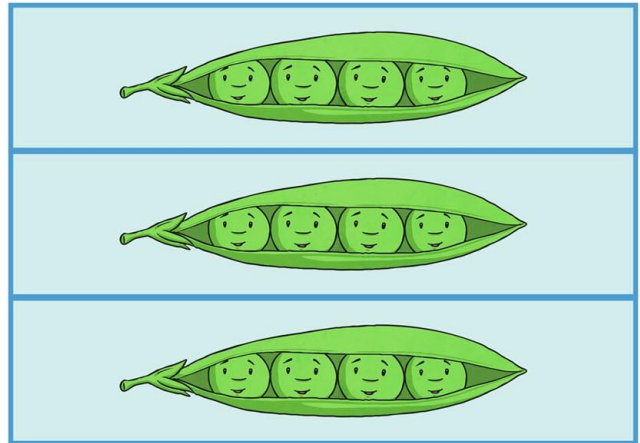
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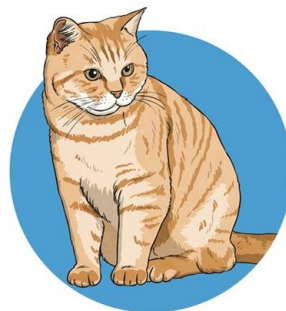
$$12 \div 3 = 4$$

Can you work these out for yourself?



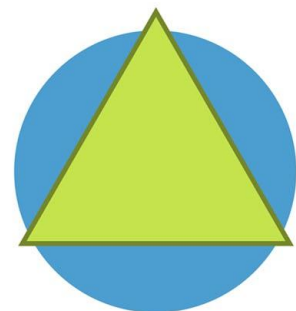
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