Success Criteria

Today we are learning to calculate fractions of amounts.

- I can identify the denominator in a fraction.
- I can use a denominator to divide an amount.
- I can multiply by the numerator to find a non-unit fraction of an amount.

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Maths Vocabulary

parts

denominator

whole

numerator

unequal

equal

division bar

amount

multipl

divide

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Fractions in the real world!

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KS2 Maths Feedback

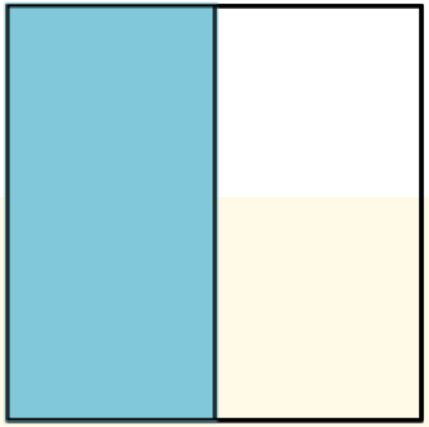
Explain why you think this answer is correct.

KS2 Maths Feedback

How did you get to this answer? Prove you are right!

I DO –

The whole is being divided into equal parts.



$\frac{1}{2}$

1 part is shaded.

There are 2 equal parts.

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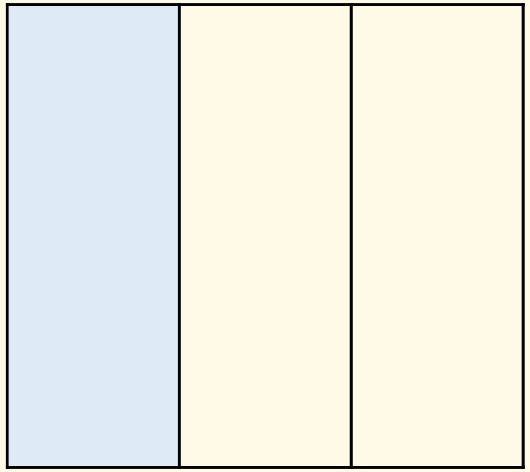
I DO –

The whole is divided into equal parts



1 part is shaded.

$$\frac{1}{3}$$

There are 3 equal parts

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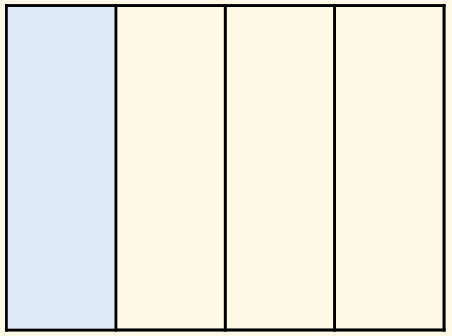
I DO

The whole is divided into equal parts

1 part is shaded.

$\frac{1}{4}$

There are 4 equal parts



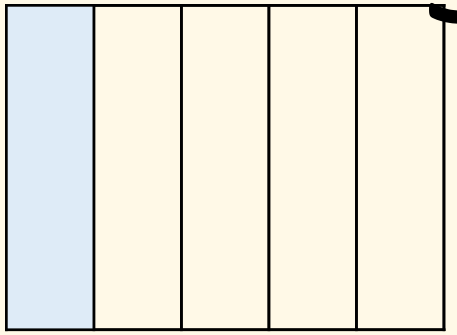
WE DO

The whole is divided into equal parts

1 part is shaded.

$\frac{1}{5}$

There are 5 equal parts



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Miss Dhesi has 18 skittles.

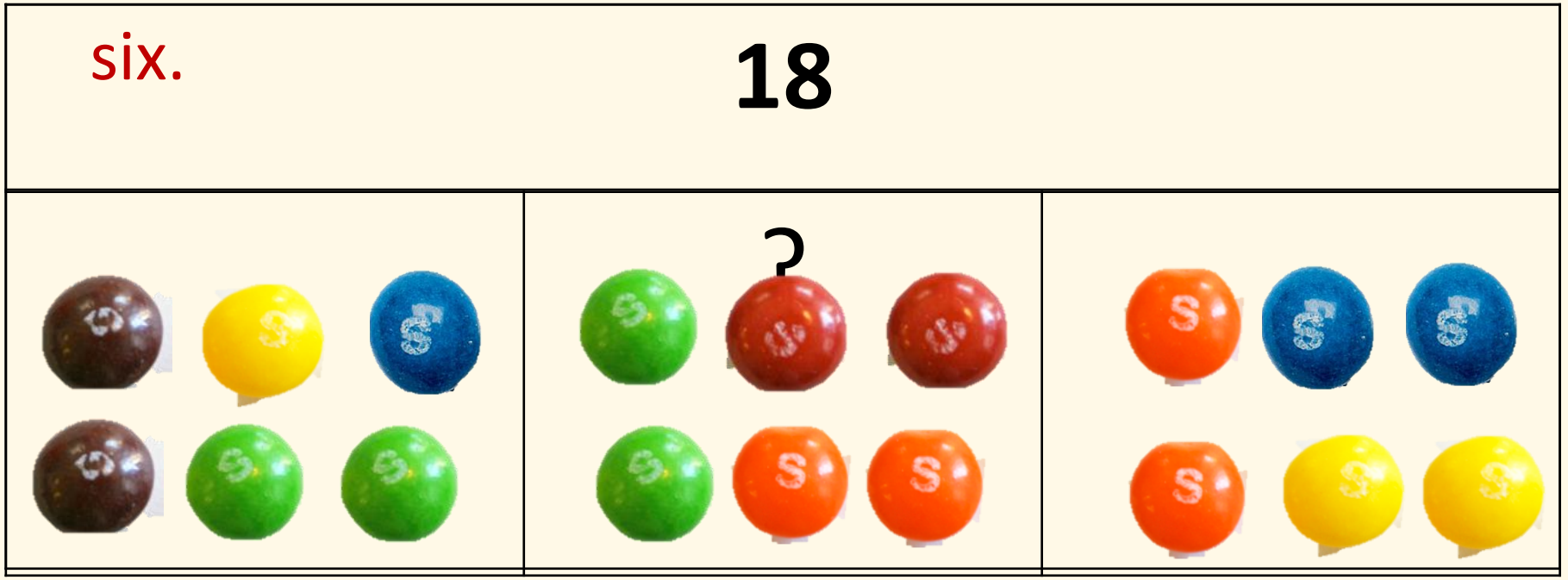
She eats $\frac{1}{3}$ of them.

What is $\frac{1}{3}$ of 18?

How many sweets did she eat?

I say, you say, we all say…

18 ÷ 3 = 6 so one third of eighteen is equal to six.



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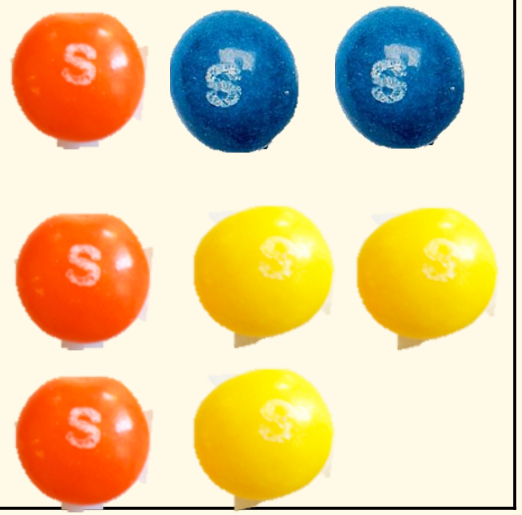
Miss Dhesi has 24 skittles.

She eats $\frac{1}{3}$ of them.

How many sweets did she eat?

What is $\frac{1}{3}$ of 24 ?

24		
		

I say, you say, we all say…

24 ÷ 3 = 8

so one third of twenty-four is equal to eight.

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I DO

Miss Dhesi has 15 skittles.

She eats $\frac{1}{3}$ of them.

How many sweets did she eat?

What is $\frac{1}{3}$ of 15 ?

15		

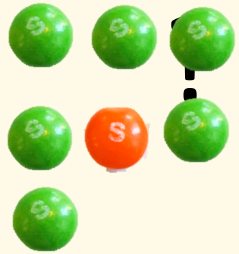
WE DO

Miss Dhesi has 21 skittles.

She eats $\frac{1}{3}$ of them.

How many sweets did she eat?

What is $\frac{1}{3}$ of 21 ?

21		
		

_____ ÷ 3 = _____ so _____ of _____

is equal to

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WE DO

Miss Dhesi has 9 skittles.

She eats $\frac{1}{3}$ of them.

How many sweets did she eat?

What is $\frac{1}{3}$ of 9 ?

9		

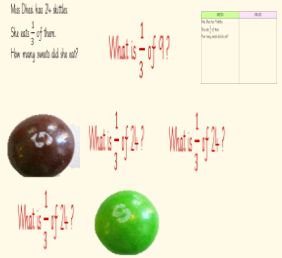
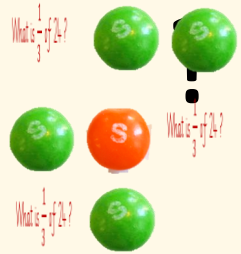
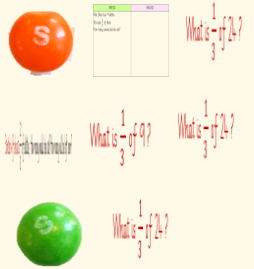
YOU DO

Miss Dhesi has 24 skittles.

She eats $\frac{1}{3}$ of them.

How many sweets did she eat?

What is $\frac{1}{3}$ of 24 ?

24		
		

Stretch* If she ate $\frac{2}{3}$ of skittles, How many would she ate? How many will be left over?

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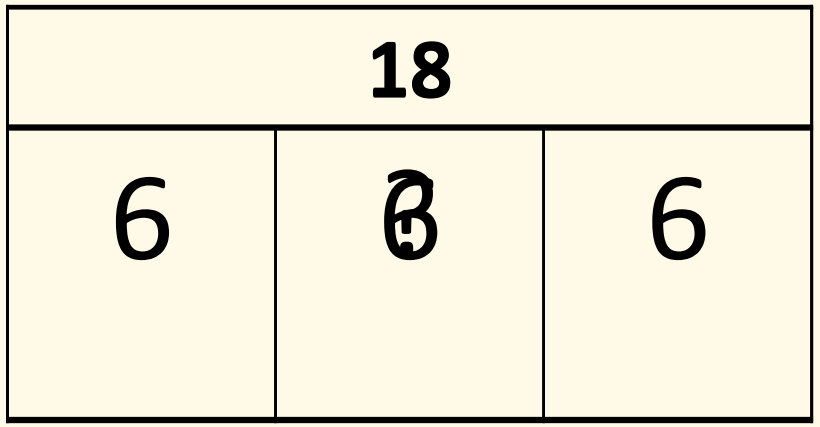
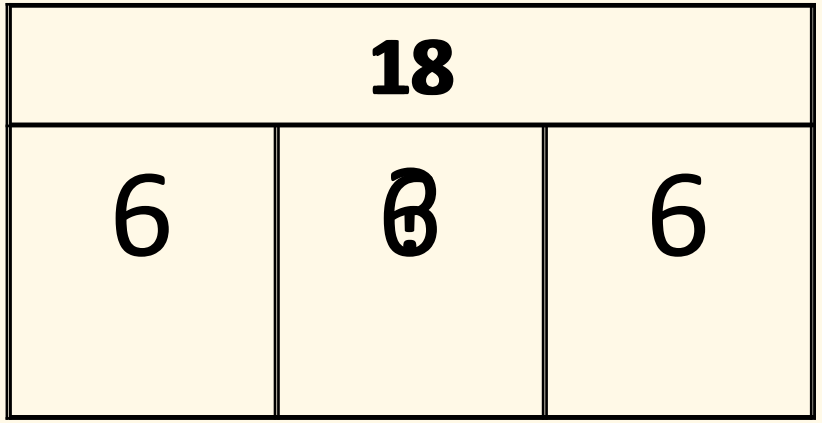
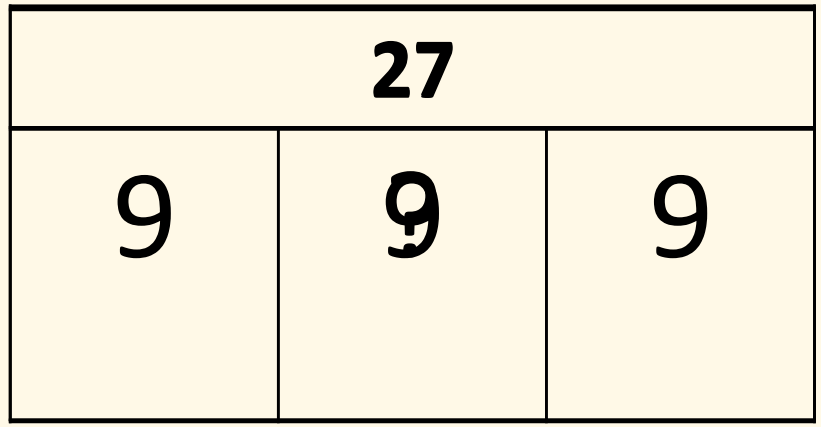
I DO	I DO	We do –
What is $\frac{1}{3}$ of 18 ?	What is $\frac{2}{3}$ of 18 ?	What is $\frac{1}{3}$ of 27 ? What is $\frac{2}{3}$ of 27 ?
		
$\frac{1}{3}$ of 18 = 6	$\frac{1}{3}$ of 18 = 12	Stretch* $\frac{1}{3}$ of 15 = 5

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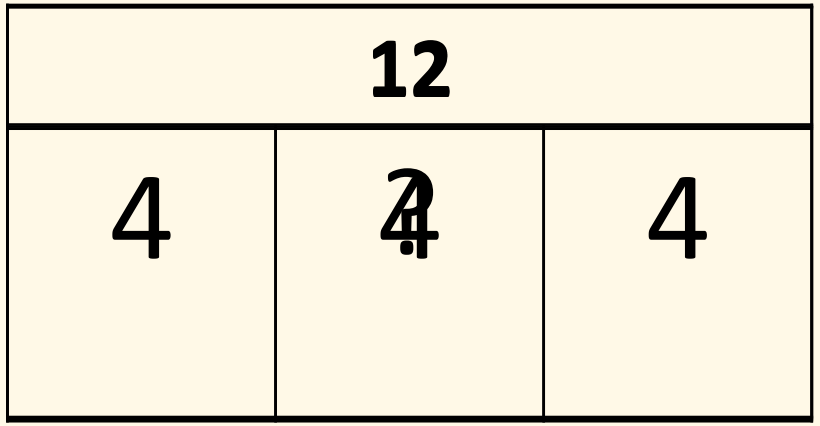
WE DO

What is $\frac{1}{3}$ of 12 ?

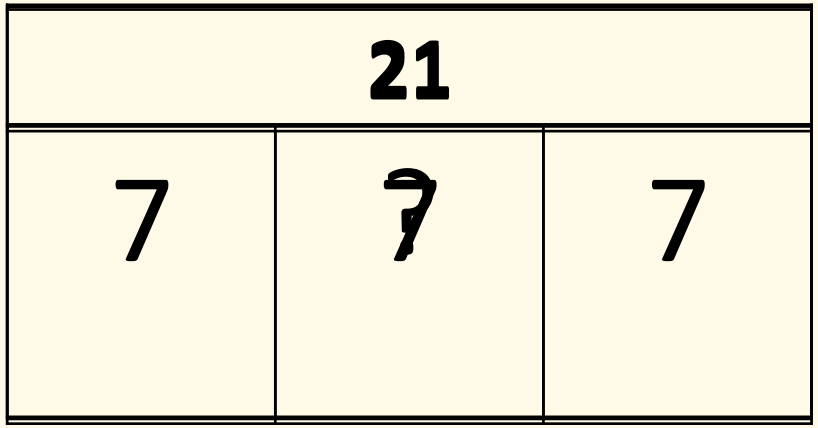
What is $\frac{2}{3}$ of 12 ?



YOU DO

What is $\frac{1}{3}$ of 21 ?

What is $\frac{2}{3}$ of 21 ?



Stretch*

$\frac{1}{3}$ of $\square = 2$

$\square = 6$

Stretch*

$\frac{1}{3}$ of $\square = 9$

$\square = 27$

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L.O: To be able to find fractions of amounts.

Fractions

Complete the following using a bar model.

1) $\frac{1}{3}$ of 21 =	2) $\frac{1}{3}$ of 24 =
3) $\frac{1}{3}$ of 36 =	4) $\frac{1}{3}$ of 42 =

Stretch*

What could the fraction be?

$\frac{\square}{\square}$ of 9 = 3

Mathematical vocabulary

Whole, part, numerator, denominator, division bar, amount.