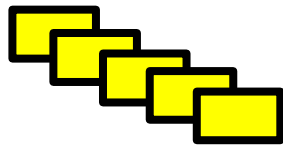


26.01.21

TBQ: Can I find tenths of a number?



STEPS
TO
SUCCES
S

I can explain what a fraction is.

I can divide a number into groups to find fractions.

I understand the relationship between 10 and 100 to find fractions of numbers.

Activating Prior Knowledge



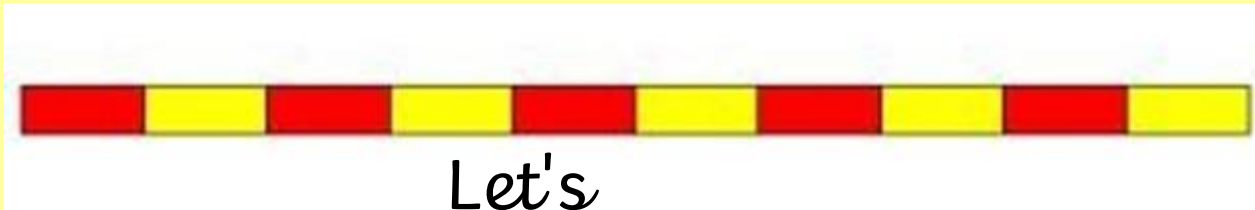
What is a fraction?

26.01.21

TBQ: Can I find tenths of a number?

Mental
starter

Let's count on in 6s from 0



Let's
count!

26.01.21

TBQ: Can I find tenths of a number?

Mental
starter



Go on TTRockstars and practise your times tables for 10 minutes.
How quickly can you answer the questions?

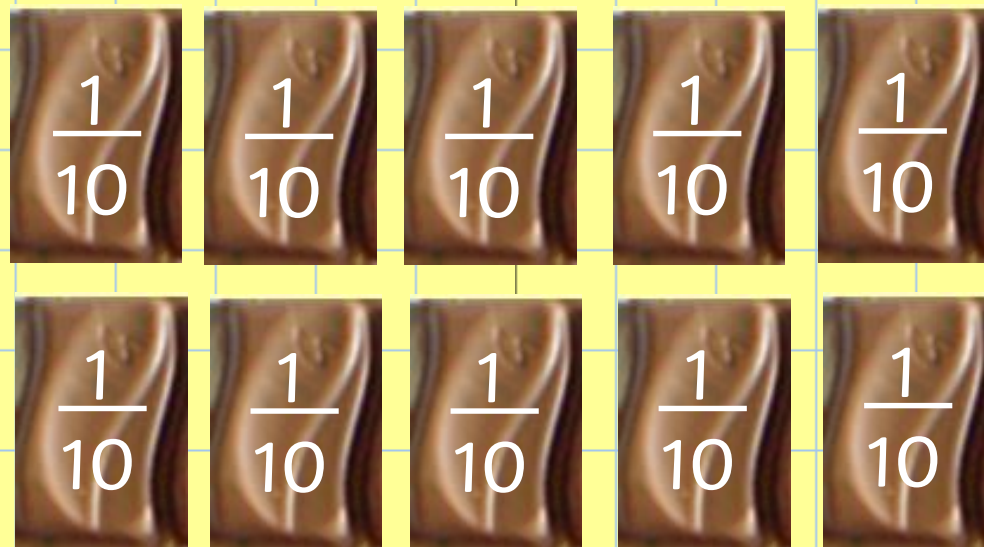


26.01.21

TBQ: Can I find tenths of a number?

Counting in tenths

Here is a chocolate bar.



The chocolate bar is cut into 10 pieces.

26.01.21

TBQ: Can I find tenths of a number?

Numerator
(Number of
parts out of a
whole)

$$\frac{1}{10}$$

Denominator
(Number of total
parts in a whole)

So...1/10 (one tenth) means
I have 1 part out of 10.

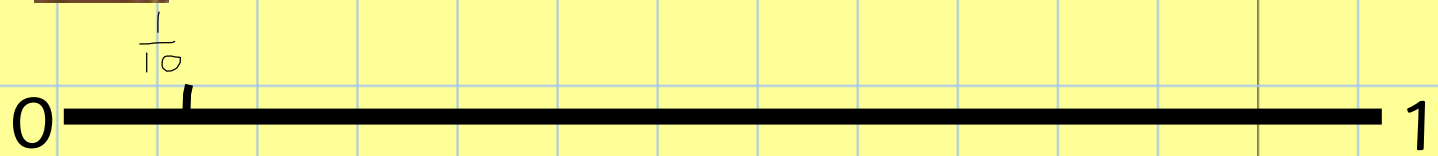
26.01.21

TBQ: Can I find tenths of a number?

Fill in the tenths on the number lines



is 1 tenth of the bar.



is 2 tenths of the bar.



is 6 tenths of the bar.



26.01.21

TBQ: Can I find tenths of a number?

Count forwards in tenths

What will the missing fractions be?



0, $\frac{1}{10}$, ____, $\frac{3}{10}$, $\frac{4}{10}$, $\frac{5}{10}$, ____, $\frac{7}{10}$, $\frac{8}{10}$, $\frac{9}{10}$, ____

Count backwards in tenths

What will the missing fractions be?



$\frac{10}{10}$, $\frac{9}{10}$, ____, $\frac{7}{10}$, $\frac{6}{10}$, ____, $\frac{4}{10}$, $\frac{3}{10}$, $\frac{2}{10}$, ____, 0

26.01.21

TBQ: Can I find tenths of a number?

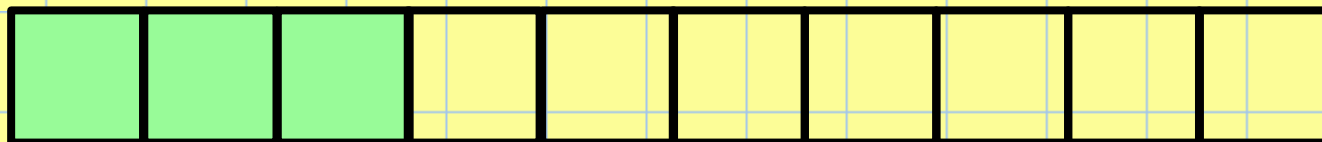
This is 1 whole.



There are 10 parts and all 10 are shaded. I can write the fraction like this...

$$\frac{10}{10}$$

What fractions are shaded? Write a fraction to show this.



26.01.21

TBQ: Can I find tenths of a number?

Complete the number patterns.

a) $5/10$, $---$, $7/10$, $8/10$, $9/10$, $---$

b) $6/10$, $5/10$, $---$, $3/10$, $---$, $---$

c) $4/10$, $6/10$, $---$, $---$

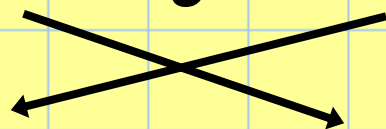
d) $9/10$, $6/10$, $---$, 0

26.01.21

TBQ: Can I find tenths of a number?

When we find a fraction of a number, we divide the number by the **denominator** and then multiply the answer by the **numerator**. Let's have a go.

1/10 of 30



$$30 \div 10 = 3$$

$$3 \times 1 = 3$$

26.01.21

TBQ: Can I find tenths of a number?

When we find a fraction of a number, we divide the number by the **denominator** and then multiply the answer by the **numerator**. Let's have a go.

3/10 of 30

$$30 \div 10 = 3$$

$$3 \times 3 = \underline{\quad}$$

26.01.21

TBQ: Can I find tenths of a number?

Chilli Challenge

Mild

- 1) $1/10$ of 30 =
- 2) $2/10$ of 30 =
- 3) $3/10$ of 30 =
- 4) $4/10$ of 30 =
- 5) $5/10$ of 30 =
- 6) $7/10$ of 30 =
- 7) $8/10$ of 30 =

Hot

- 1) $1/10$ of 20 =
- 2) $4/10$ of 30 =
- 3) $6/10$ of 50 =
- 4) $3/10$ of 40 =
- 5) $1/10$ of 40 =
- 6) $5/10$ of 80 =
- 7) $7/10$ of 30 =

Flaming Hot

- 1) $6/10$ of 60 =
- 2) $3/10$ of 50 =
- 3) $5/10$ of 80 =
- 4) $6/10$ of 30 =
- 5) $4/10$ of 90 =
- 6) $8/20$ of 20 =
- 7) $9/30$ of 60 =

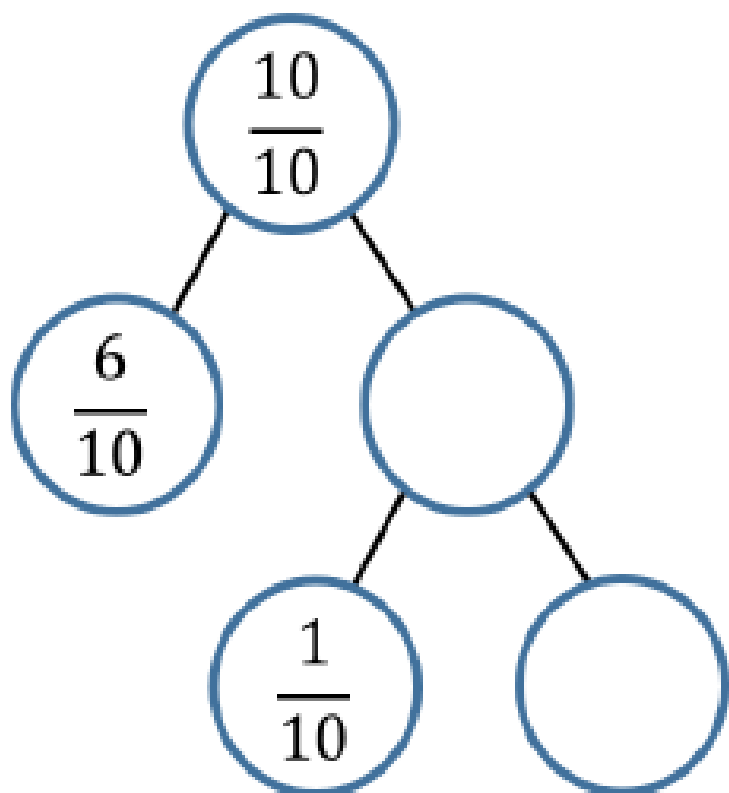
If you are at home, write the final answers next to the questions below.
You could send a photo of your working out too!

26.01.21

TBQ: Can I find tenths of a number?

Fill in the missing values.

Explain how you got your answers.



Can you complete the part-whole model?

How was your learning today?



I could do
my learning
on my own.



I could do my
learning with
some help.



I found my
learning tricky
today.