Maths Year 4 Tuesday 26.1.21

Fractions

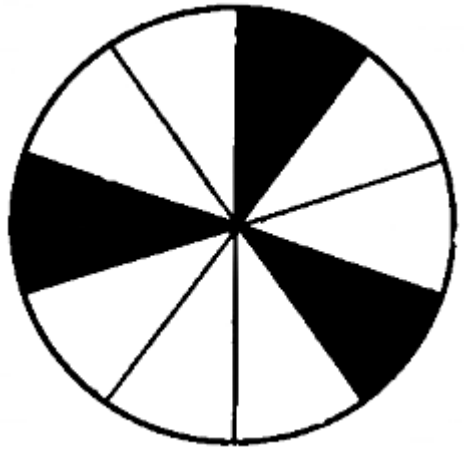
Recall:

3/10 of 20 =

1/10 of 40 =

3/10 of 10 =

What fraction of the circle has been shaded?



4/10 of a shape has been shaded. What fraction of the rectangle hasn't been shaded?

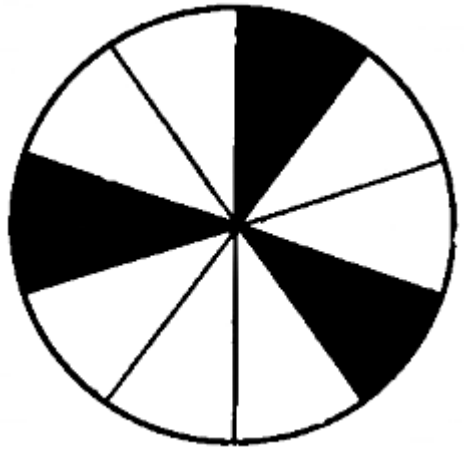
Recall: Answers

3/10 of 20 = 6

1/10 of 40 = 4

3/10 of 10 = 3

What fraction of the circle has been shaded?



3 tenths
3/10

4/10 of a shape has been shaded. What fraction of the rectangle hasn't been shaded?

10/10 – 4/10 = 6/10

LO: I can count in tenths

Guided practice:

Let’s count in tenths!

If I start on 4 tenths (4/10), what would come next?

How do you know?

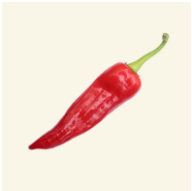
What happens when we get to 10/10? What could we say instead?

13/10 would be 1 3/10

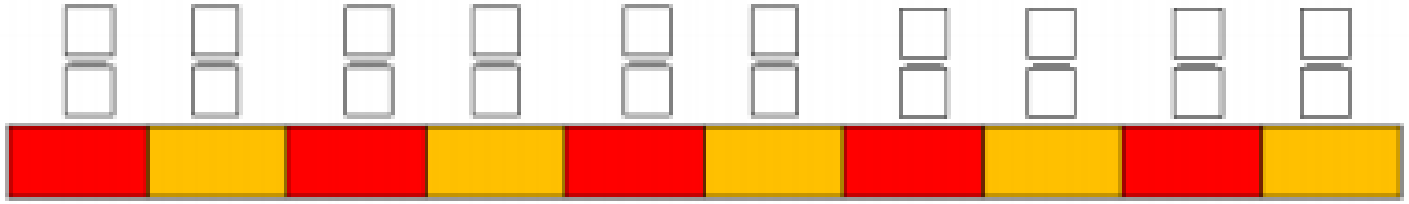
15/10 would be 1 5/10

17/10 would be ?

Intelligent practice



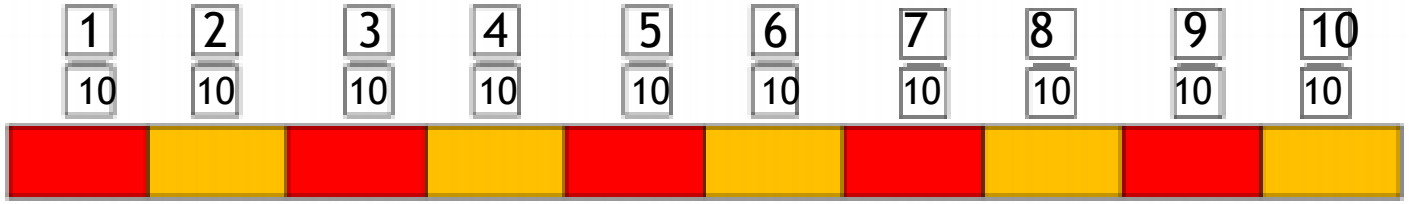
The counting stick is worth 1 whole. Label each part of the counting stick. Can you count forwards and backwards along the counting stick?



Intelligent practice

Answers

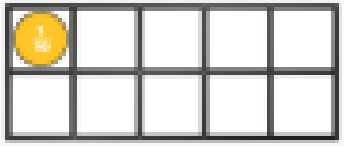
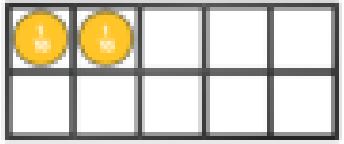
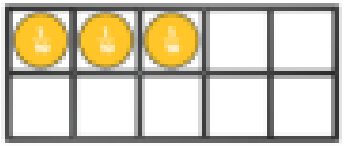
The counting stick is worth 1 whole. Label each part of the counting stick. Can you count forwards and backwards along the counting stick?



Intelligent practice

Continue the pattern in the table.

- What comes between $\frac{4}{10}$ and $\frac{6}{10}$?
- What is one more than $\frac{10}{10}$?
- If I start at $\frac{8}{10}$ and count back $\frac{4}{10}$, where will I stop?

Representation	Words	Fraction
	One tenth	$\frac{1}{10}$
		
		

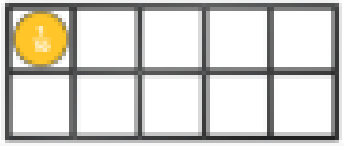
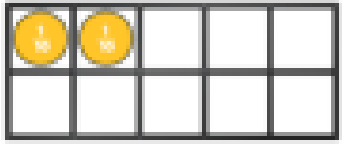
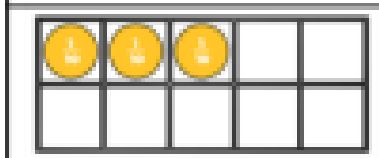
Intelligent practice  Answers

Continue the pattern in the table.

1 • What comes between $\frac{4}{10}$ and $\frac{6}{10}$?

2 • What is one more than $\frac{10}{10}$?

3 • If I start at $\frac{8}{10}$ and count back $\frac{4}{10}$, where will I stop?

Representation	Words	Fraction
	One tenth	$\frac{1}{10}$
	Two tenths	2/10
	Three Tenths	3/10

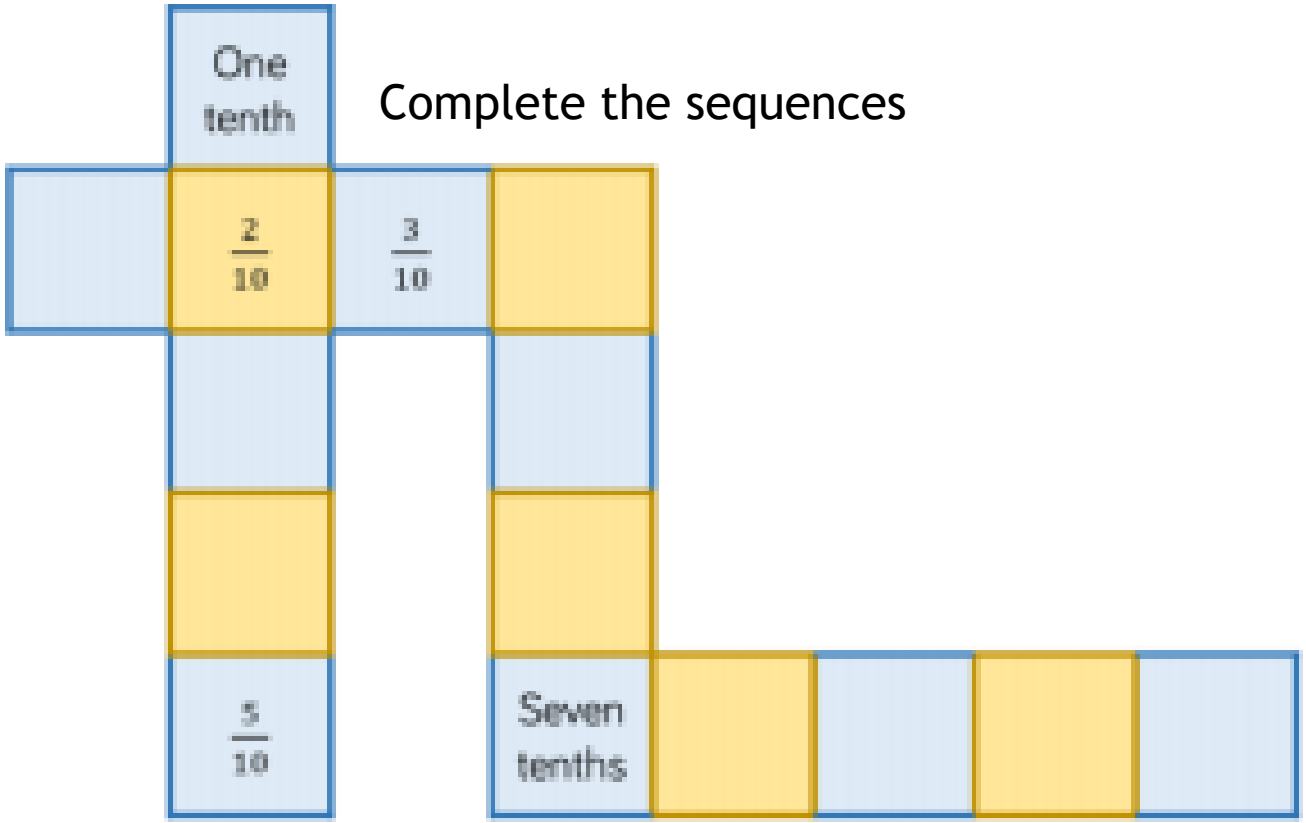
1 = 5/10

2 = 1 1/10 or 11/10

3 = 8/10 – 4/10 = 4/10

Intelligent practice

Complete the sequences



Intelligent practice

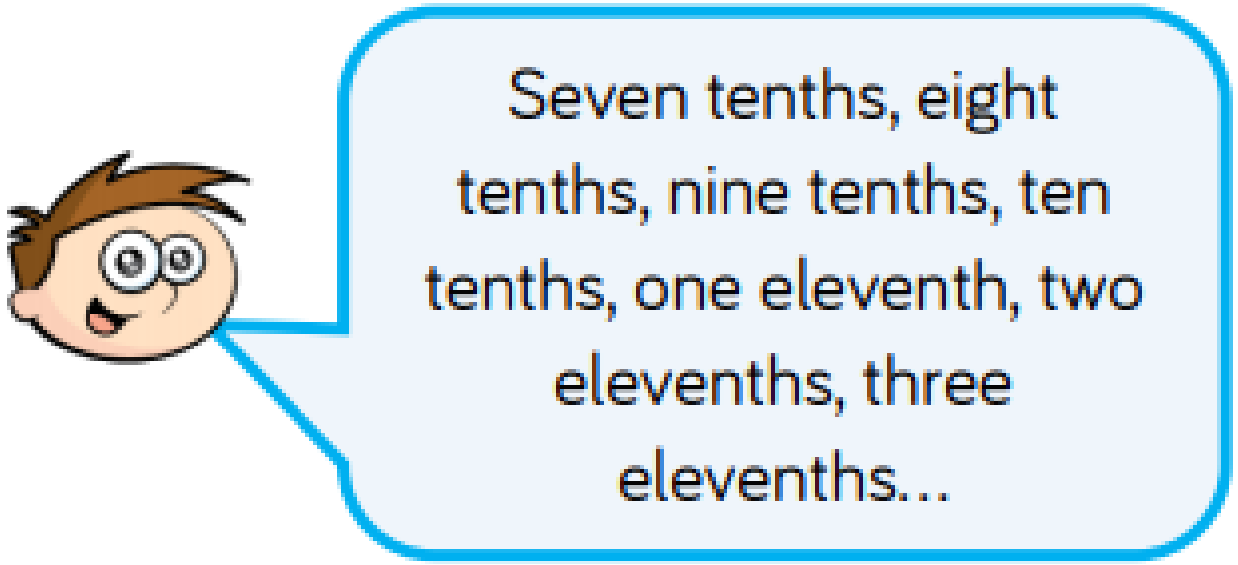
Answers

Complete the sequences

	One tenth							
1/10	$\frac{2}{10}$	$\frac{3}{10}$	4/10					
	3/10		5/10					
	4/10		6/10					
	$\frac{5}{10}$		Seven tenths	8/10	9/10	1	11/10	

Dive Deeper 1:

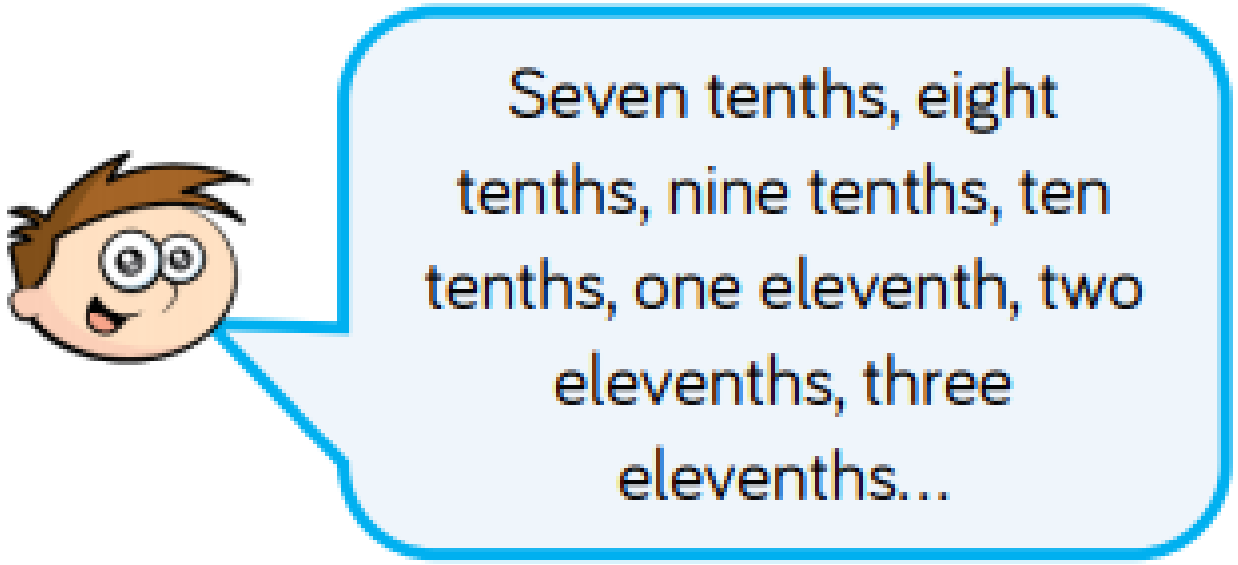
Teddy is counting in tenths.



Can you spot his mistake?

Dive Deeper 1: Answer

Teddy is counting in tenths.



Can you spot his mistake?

Teddy thinks that after ten tenths you start counting in elevenths. He does not realise that ten tenths is the whole, and so the next number in the sequence after ten tenths is eleven tenths or one and one tenth.

Dive Deeper 2:

True or False?

Five tenths is $\frac{2}{10}$ smaller than 7 tenths.

Five tenths is $\frac{2}{10}$ larger than three tenths.

Do you agree?

Use drawings to demonstrate your reasoning

Dive Deeper 2: Answers

Both are true