Maths Monday 25.1.21

Fractions

Recall:

$$\frac{3}{4} + \frac{3}{4} =$$

4/5 + 3/5=

2/3 + 2/3 =

4/6 + 4/6=

Recall:

$$\frac{3}{4} + \frac{3}{4} = 6/4 = 1 \; 2/4$$

$$4/5 + 3/5 = 7/5 = 1 \; 2/5$$

$$2/3 + 2/3 = 4/3 = 1 \; 1/3$$

$$4/6 + 4/6 = 8/6 = 1 \; 2/6$$

LO: To understand what tenths are.

What is a tenth?
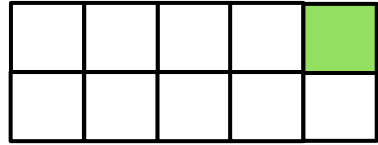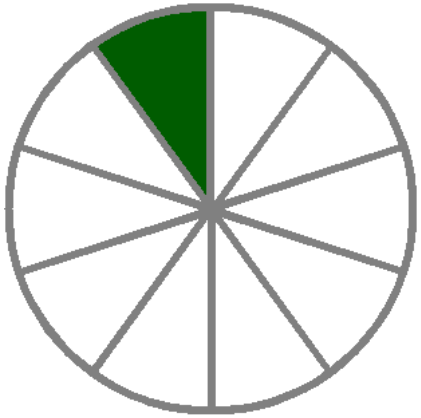
1/10

Tenth

A tenth is a whole that has been divided into 10 equal parts.

It can be written as 1/10 and as a decimal it would be written as 0.1

20 divided by 10 = 2
2 = 1/10 of 20

Lets count in tenths!

What fractions are missing?

1/10   2/10   3/10   ?   5/10   ?   ?   ?   9/10   10/10 (1)

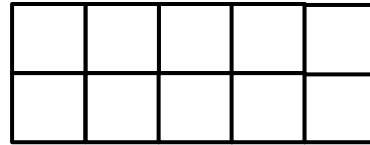# Intelligent Practice
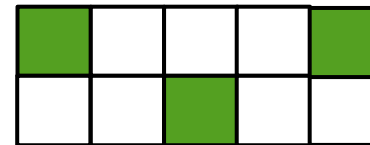
Shade 3/10 of this whole
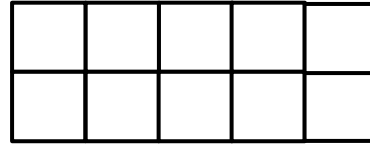
Shade 5/10 of this whole

Shade 9/10 of this whole
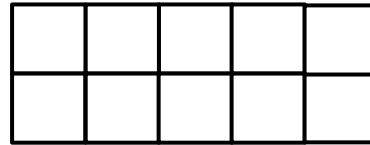
What fraction has been shaded?

_____

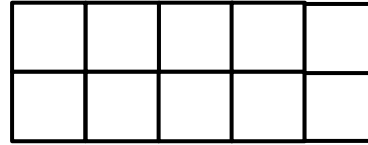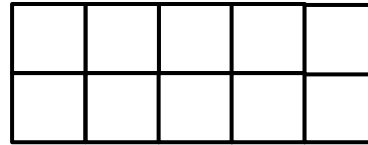What fraction has been shaded?

_____

Answers

Shade 3/10 of this whole
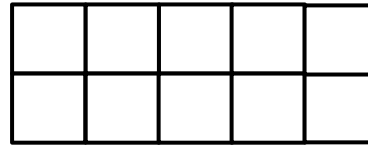
Any 3 squares shaded

Shade 5/10 of this whole

Any 5 squares shaded

Shade 9/10 of this whole
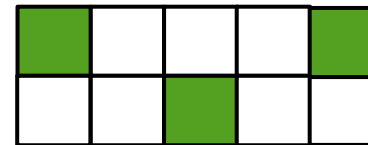
Any 9 squares shaded

What fraction has been shaded?

4 tenths
4/10

What fraction has been shaded?

3 tenths
3/10
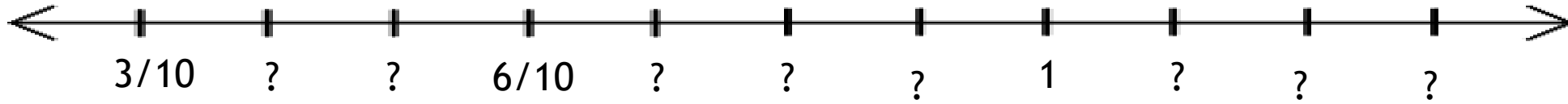
Intelligent practice

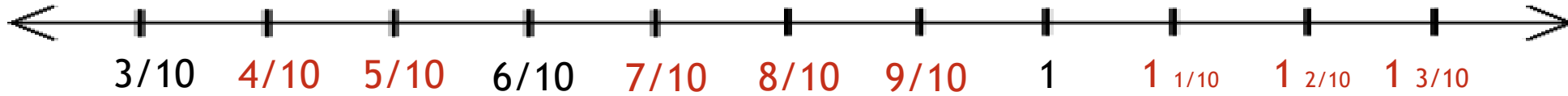Complete the fraction number line

| 3/10 | ? | ? | 6/10 | ? | ? | ? | 1 | ? | ? | ? |

Intelligent practice

Complete the fraction number line

3/10 4/10 5/10 6/10 7/10 8/10 9/10 1 1 1/10 1 2/10 1 3/10

In a class of 20 pupils, 2 tenths have green eyes, 5 tenths have brown eyes and 3 tenths have blue eyes.

How many children have green eyes?

How many children have brown eyes?

How many children have blue eyes?

Answers

In a class of 20 pupils, 2 tenths have green eyes, 5 tenths have brown eyes and 3 tenths have blue eyes.

How many children have green eyes?

How many children have brown eyes?

How many children have blue eyes?

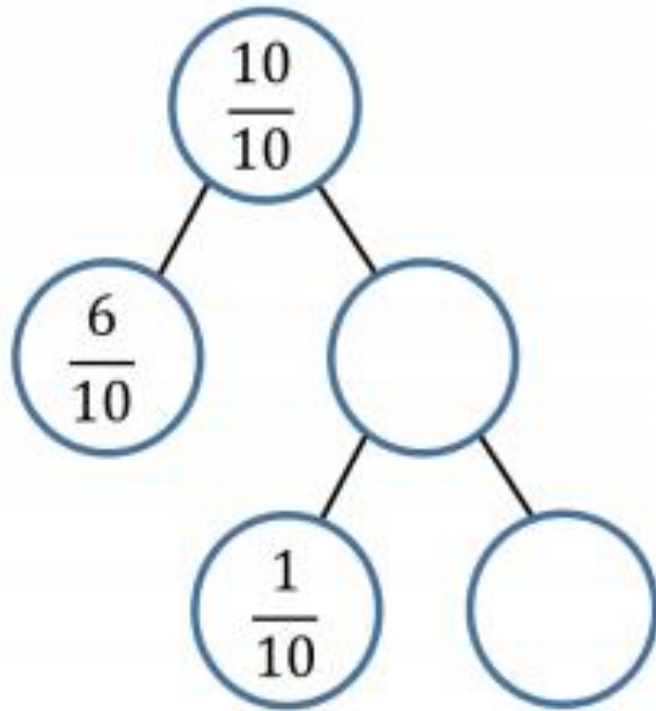20 divided by 10 = 2 and so 2 pupils = 1/10 of the class

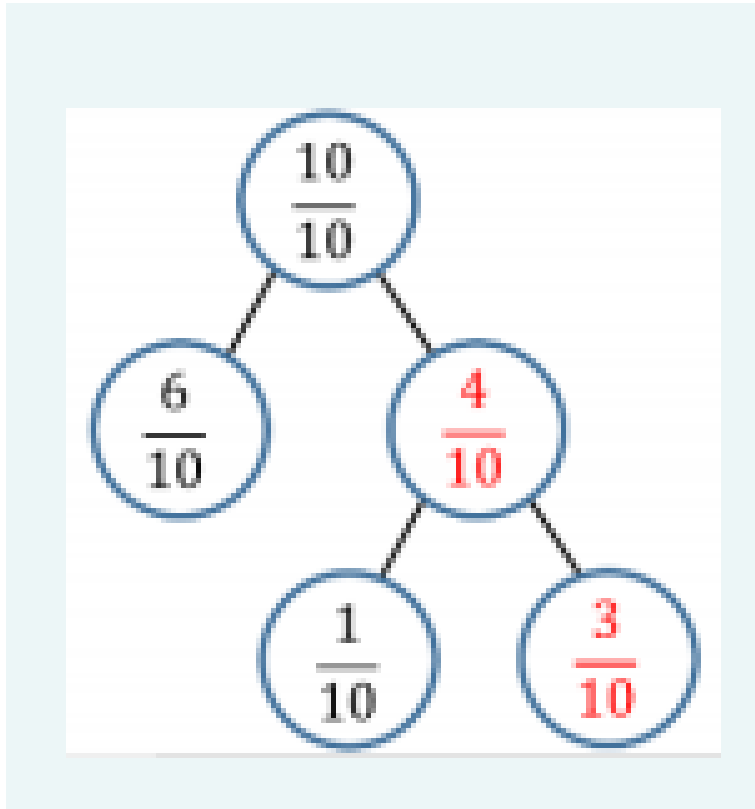Green = 2 x 2 = 4 pupils
Brown = 5 x 2 = 10 pupils
Blue = 3 x 2 = 6 pupils

Dive Deeper 1

Fill in the missing values.
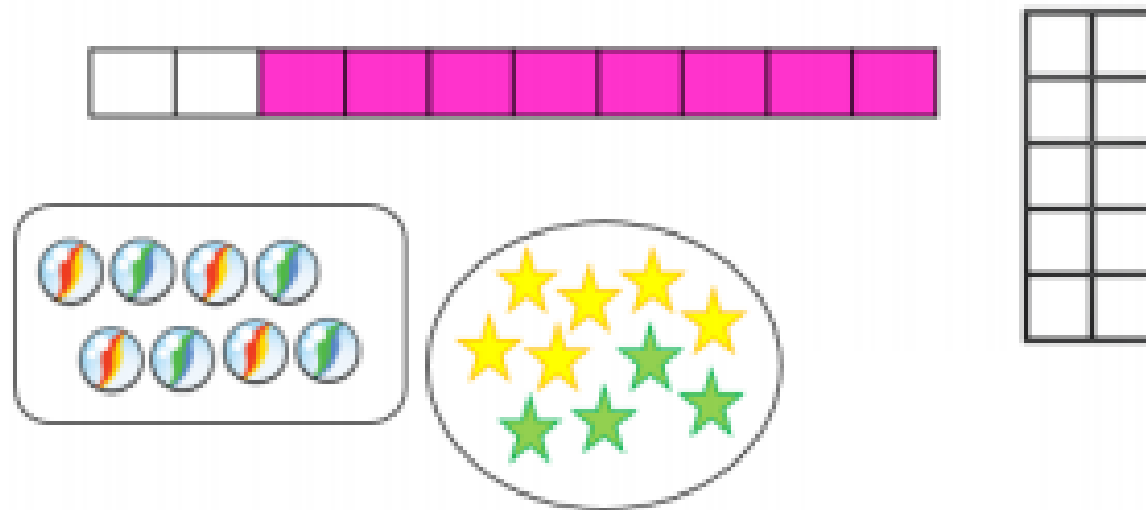Explain how you got your answers.

Dive Deeper 1

Possible answer:

I started by calculating 10 – 6 which gave me 4 (4/10) and then calculated 4 – 1 which gave me 3 (3/10)
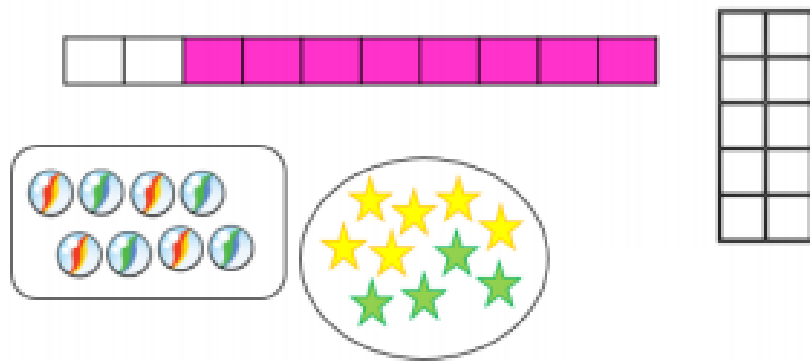
Dive Deeper 2

Odd One Out

Which is the odd one out?
Explain your answer.

Dive Deeper 2

Odd One Out

Which is the odd one out?
Explain your answer.

The marbles are the odd one out because they represent 8 or eighths. All of the other images have a whole which has been split into ten equal parts.