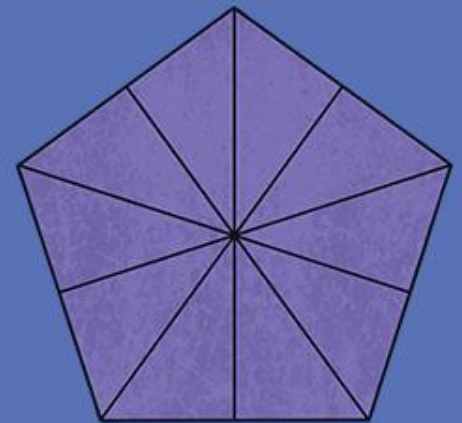
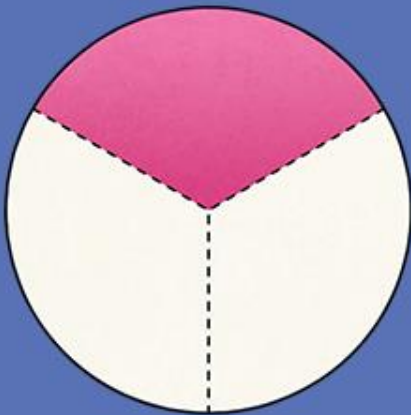


Fractions

A task setting PowerPoint pack about common factors.



LO: To identify tenths

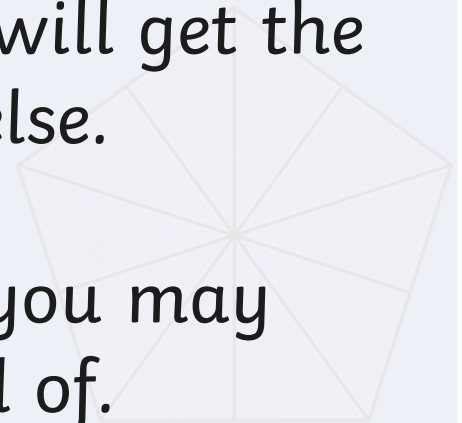
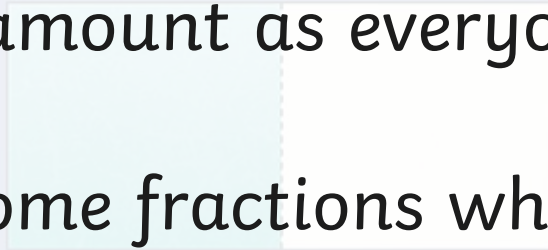
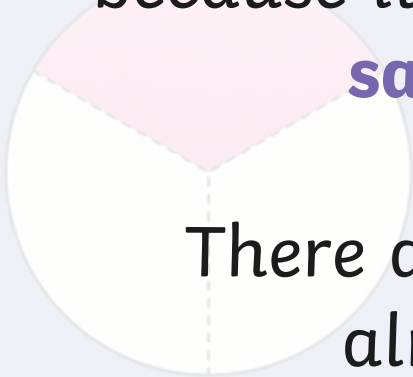
- Know that a tenth is found by dividing 1 whole
- equally by 10
- Know how to count up and down in tens
- Know that $10/10$ is a whole
- Be aware of the place value of $1/10$

Fractions

Fractions are a way of dividing something up into **equal** quantities.

They are brilliant when it comes to sharing because it means that each person will get the **same** amount as everyone else.

There are some fractions which you may already know or have heard of.



Fractions

We will be looking at tenths. In other words, dividing by 10.

Both of these two chocolate bars are exactly the same size.



The only difference is that the bottom bar has been divided into 10 equal parts, or tenths.

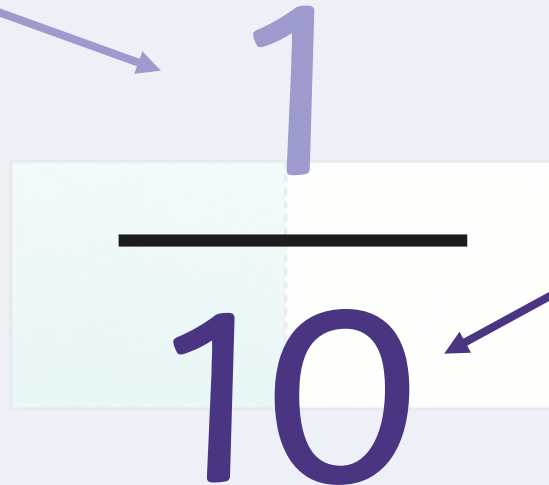
This blue square shows **1 tenth** of the bar is blue.



This is written as

Numerator

The top number tells us how many of the equal parts we are looking at.


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

Denominator

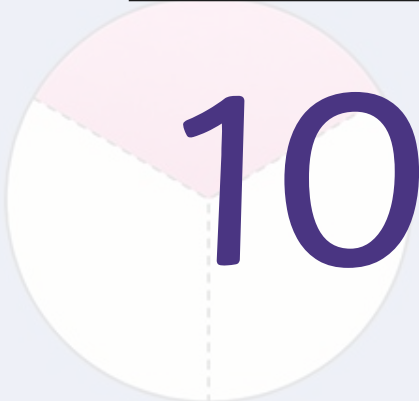
The bottom number shows how many equal parts there are altogether to make a whole.

Trying to remember the names of each part of the fraction is tricky, so here is one way to learn it.



Nico the **numerator**, He sits on **top**,
And tells us how many parts there are!

1



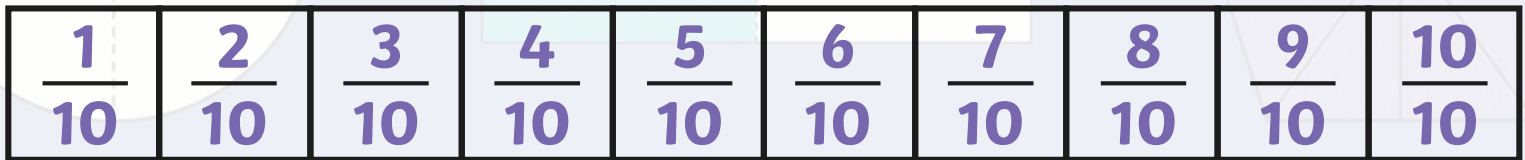
Lurking **below**,
The total she shows,
Is Domino **de-nomin-ator**!



This shows $\frac{3}{10}$ of the bar is blue.



This shows $\frac{10}{10}$ or 1 whole.



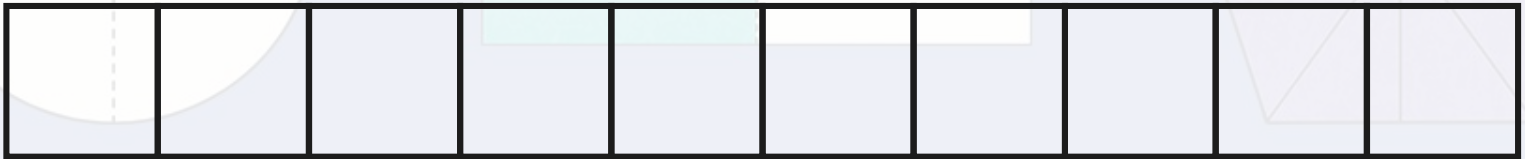
$\frac{0}{10}$ $\frac{1}{10}$ $\frac{2}{10}$ $\frac{3}{10}$ $\frac{4}{10}$ $\frac{5}{10}$ $\frac{6}{10}$ $\frac{7}{10}$ $\frac{8}{10}$ $\frac{9}{10}$ $\frac{10}{10}$



0cm 1cm 2cm 3cm 4cm 5cm 6cm 7cm 8cm 9cm 10cm

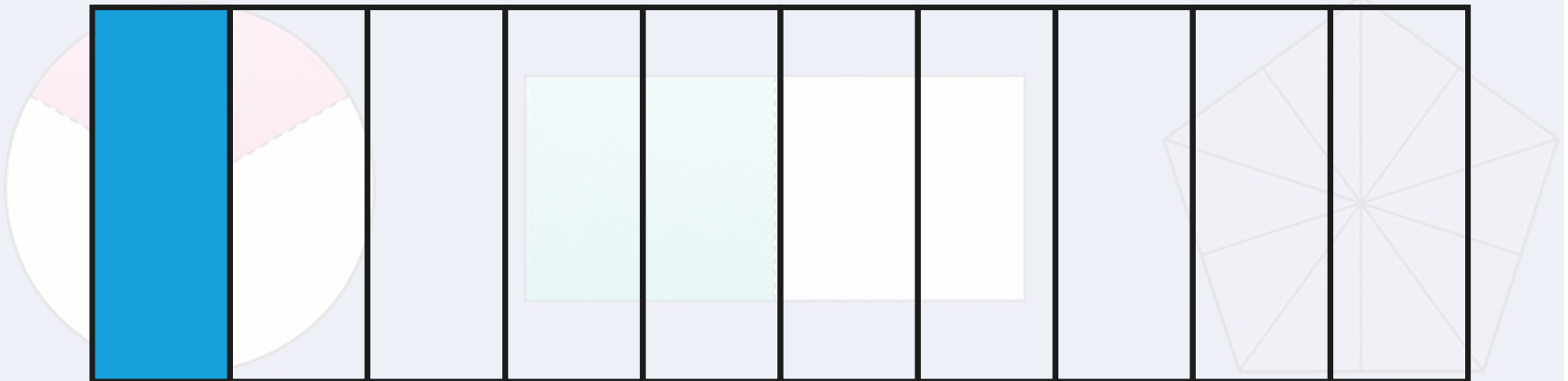


0m 0.1m 0.2m 0.3m 0.4m 0.5m 0.6m 0.7m 0.8m 0.9m 1.0m



Which of these 2 bars shows $\frac{1}{10}$ of the bar is blue?

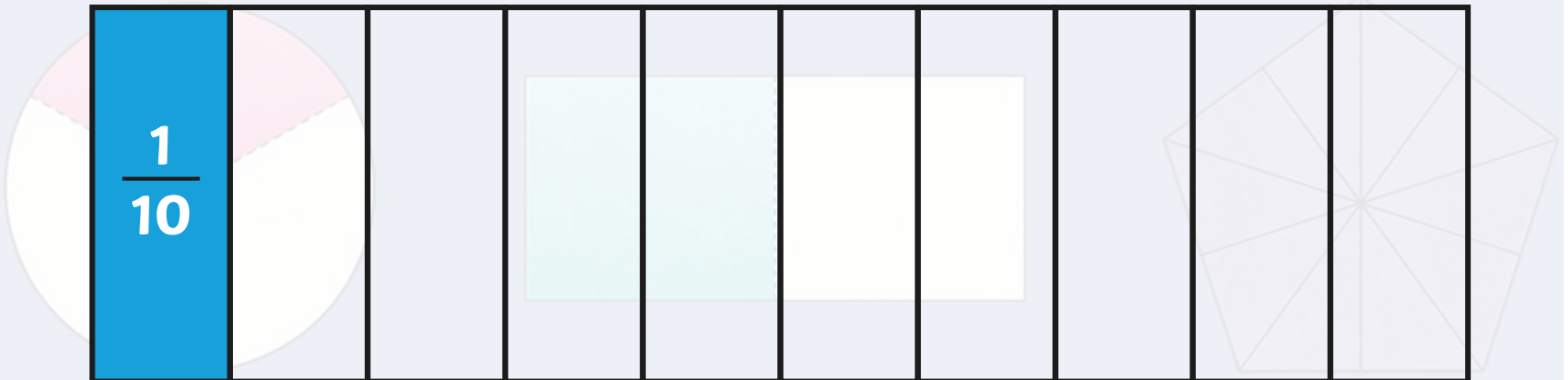
- a) The top bar b) the bottom bar c) both of them



The answer is:

c) both of them

Even though one looks bigger than the other, each of the 2 each has been split into 10 equal sections. This is very important to remember.

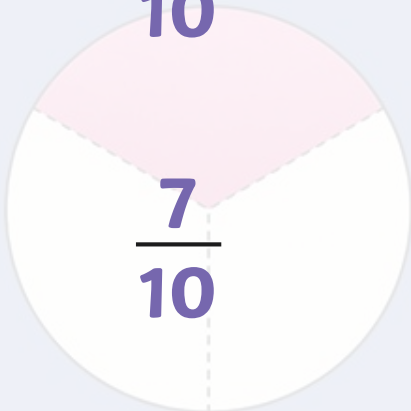


Which of these shows:

$$\frac{2}{10}$$

$$\frac{4}{10}$$

$$\frac{7}{10}$$



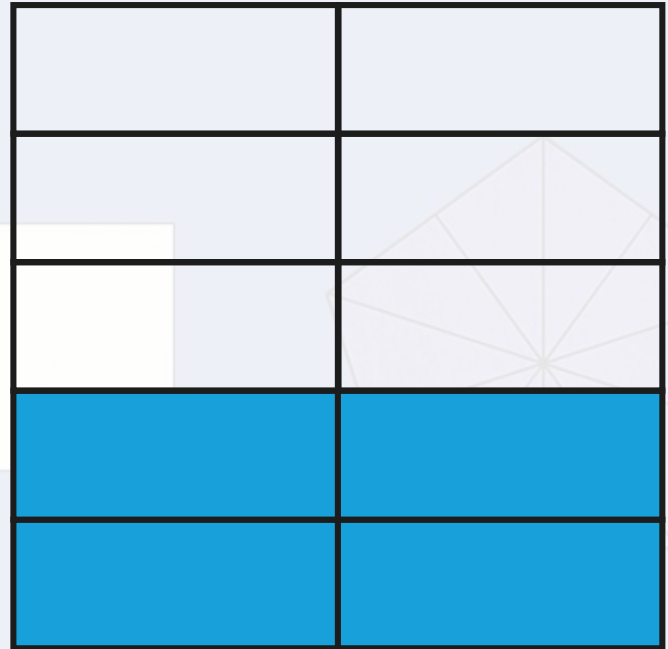
b)



a)



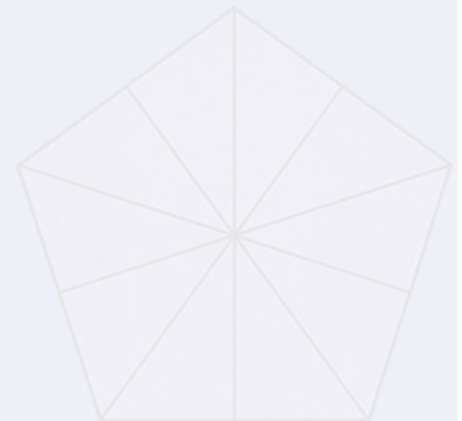
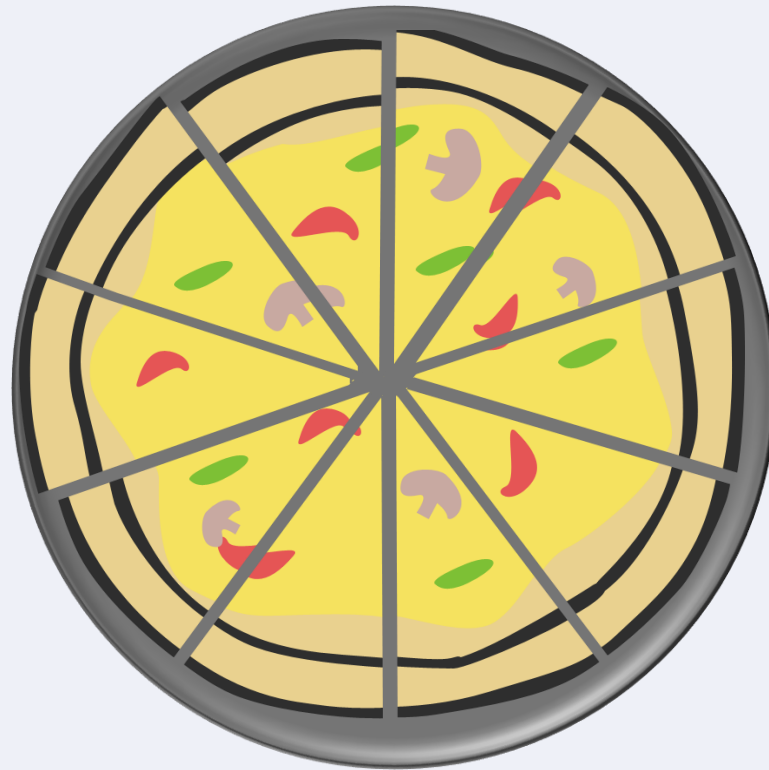
c)



Any shape can be split into equal parts and written as a fraction.

This pizza has been cut into equal slices.

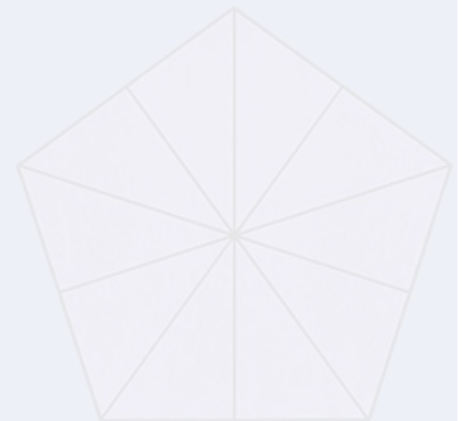
How many slices are there that make up this whole pizza?



After lunch there are still some slices of the pizza left over.

How many slices were there?

As a fraction how many slices are left?

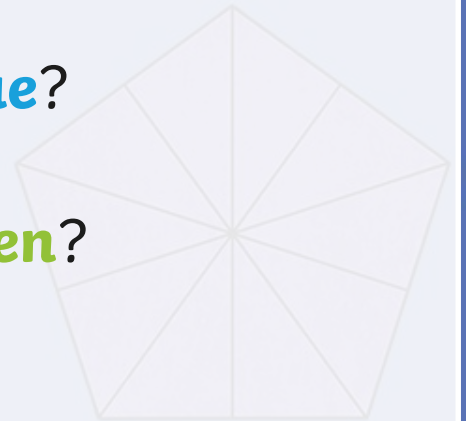
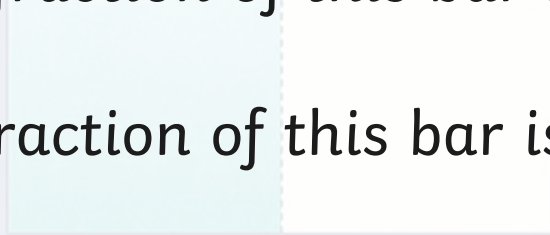
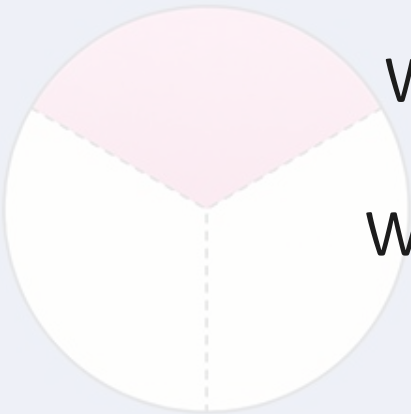




What fraction of this bar is **blue**?

What fraction of this bar is **green**?

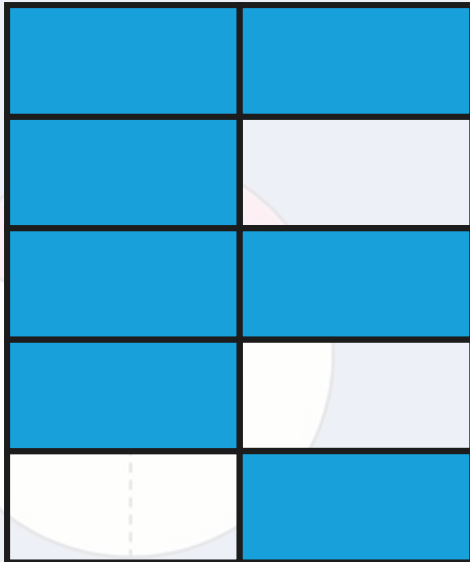
What fraction is left over?



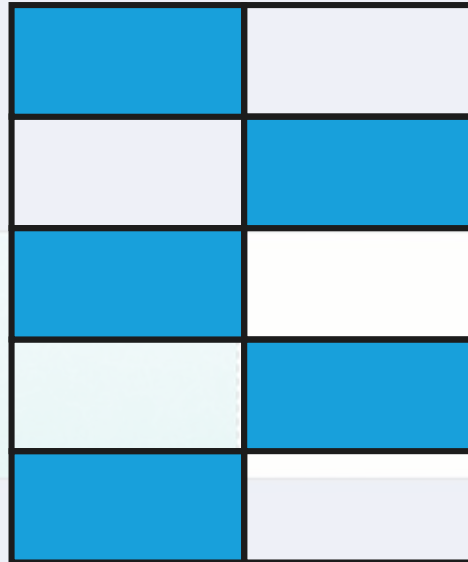
Plenary

Which of these shows $\frac{6}{10}$?

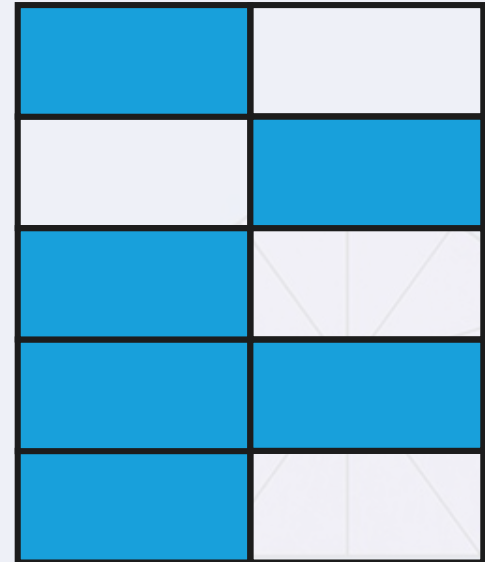
a)



b)



c)



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twinkl

