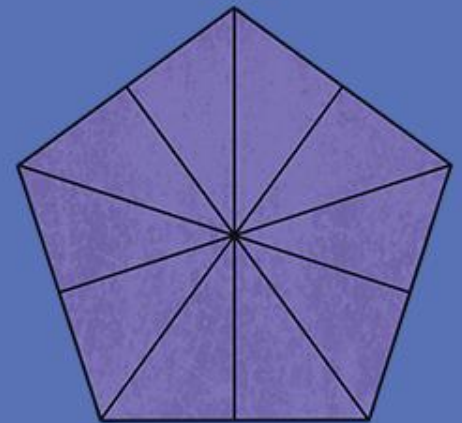
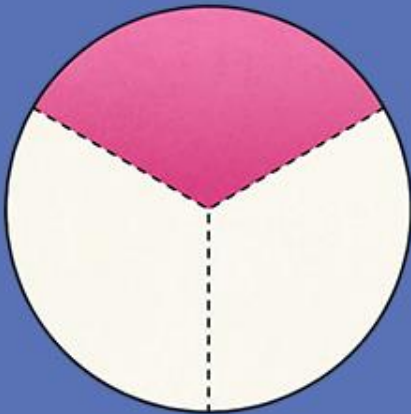


Fractions

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

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.

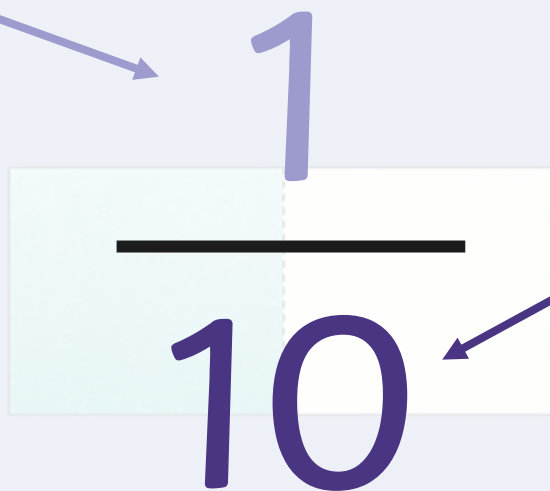
This blue square shows **1 tenth** of the bar is blue.



This is written as

Numerator

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


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

Denominator

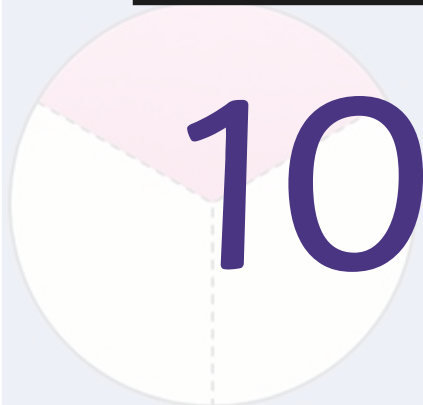
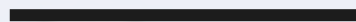
The bottom number shows how many equal parts there are altogether to make a whole.

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



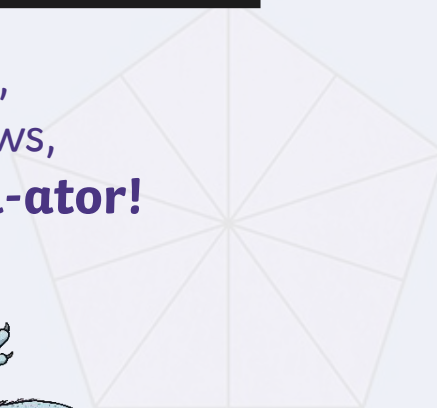
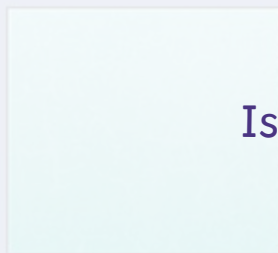
Nico the **numerator**, He sits on **top**,
And tells us how many parts there are!

1



10

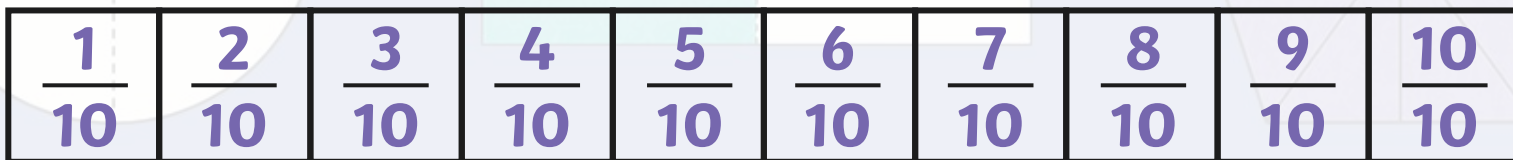
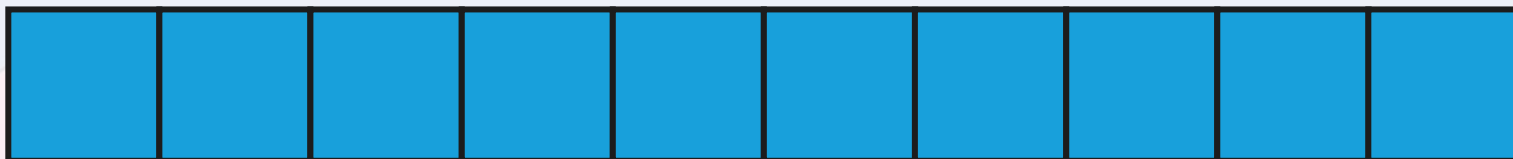
Lurking **below**,
The total she shows,
Is Domino **de-nomin-ator**!

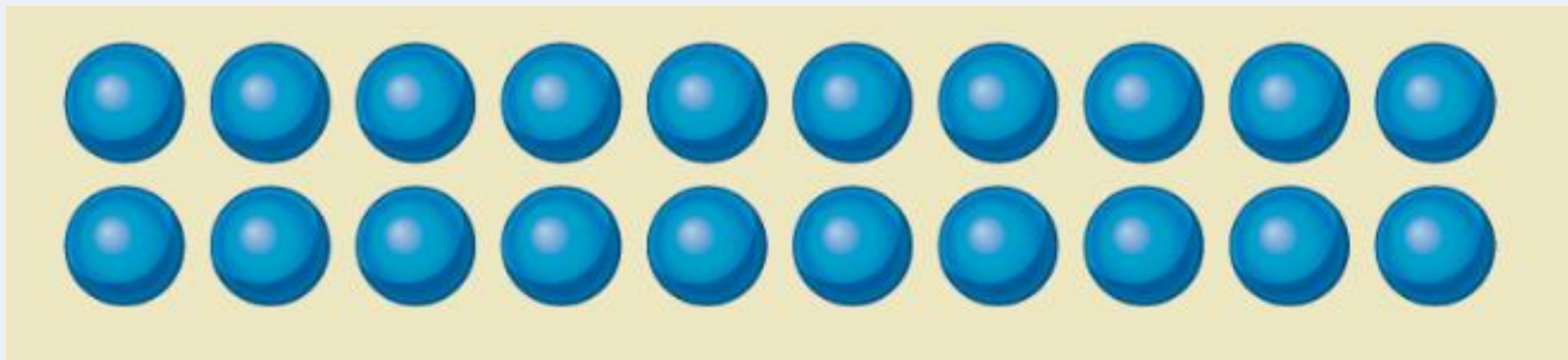


This shows $\frac{3}{10}$ of the bar is blue.



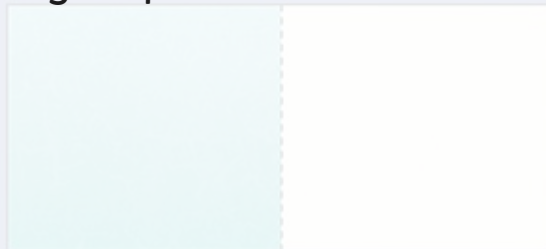
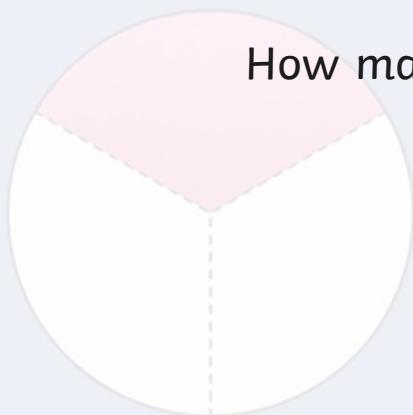
This shows $\frac{10}{10}$ or 1 whole.

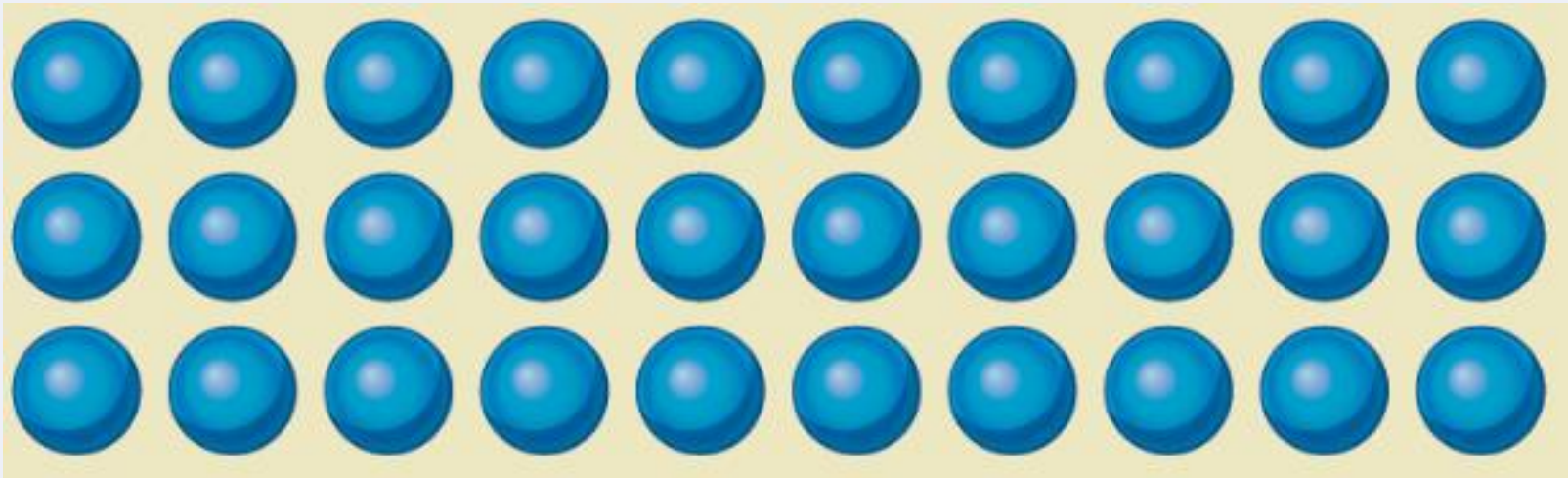




How can we find $\frac{1}{10}$ of these marbles?

How many equal groups would we need to split these into?

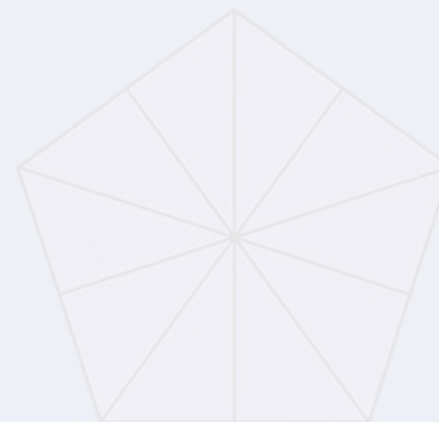
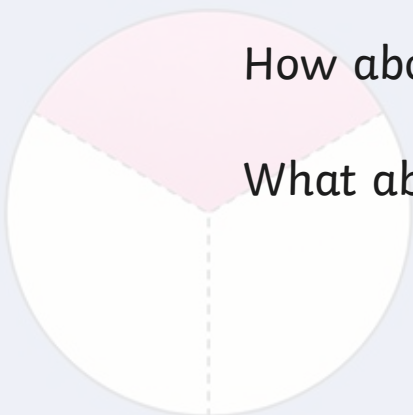


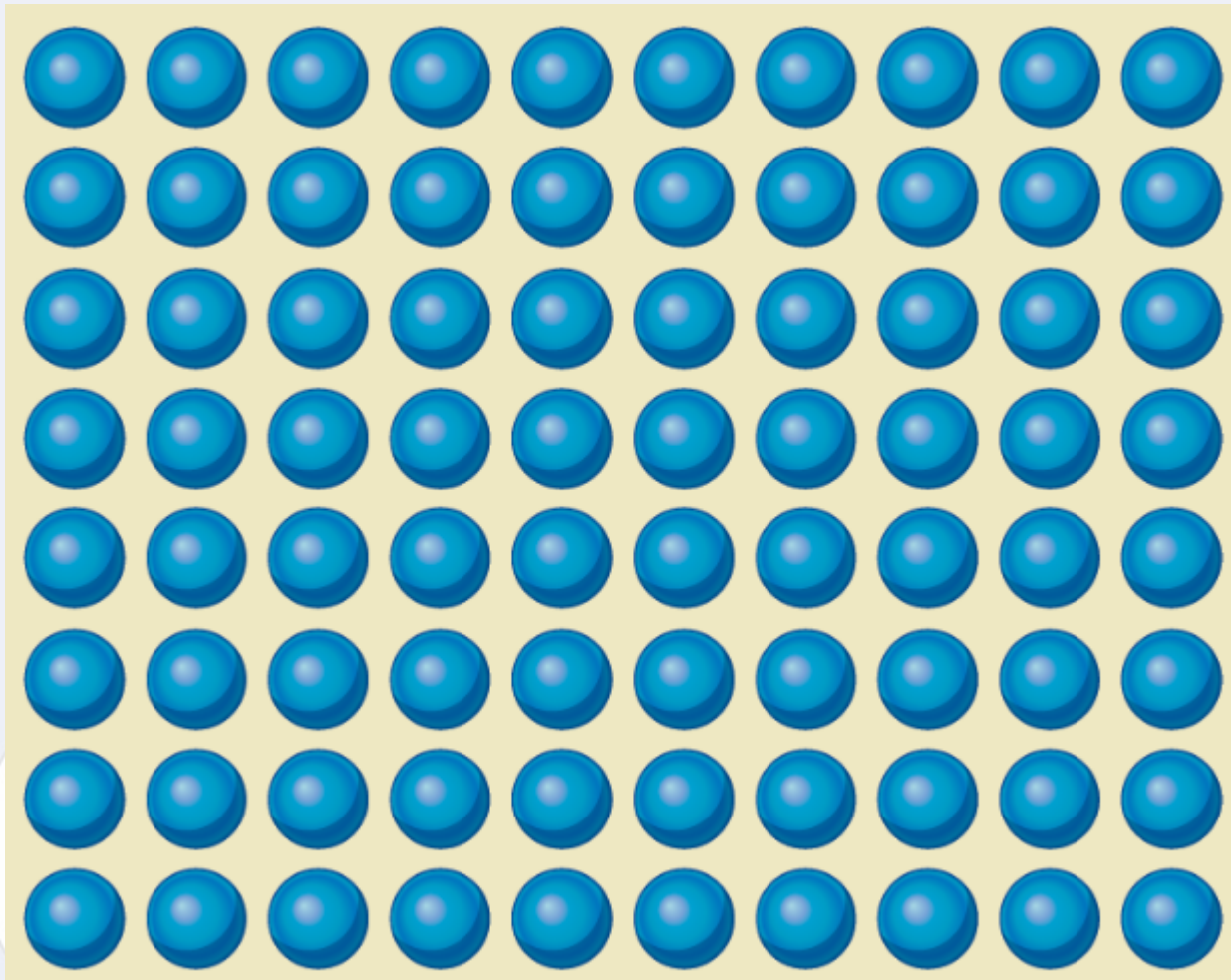


How can we find $\frac{1}{10}$ of these marbles?

How about $\frac{3}{10}$?

What about $\frac{6}{10}$?

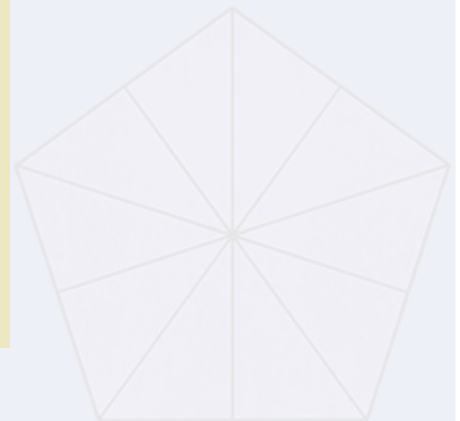


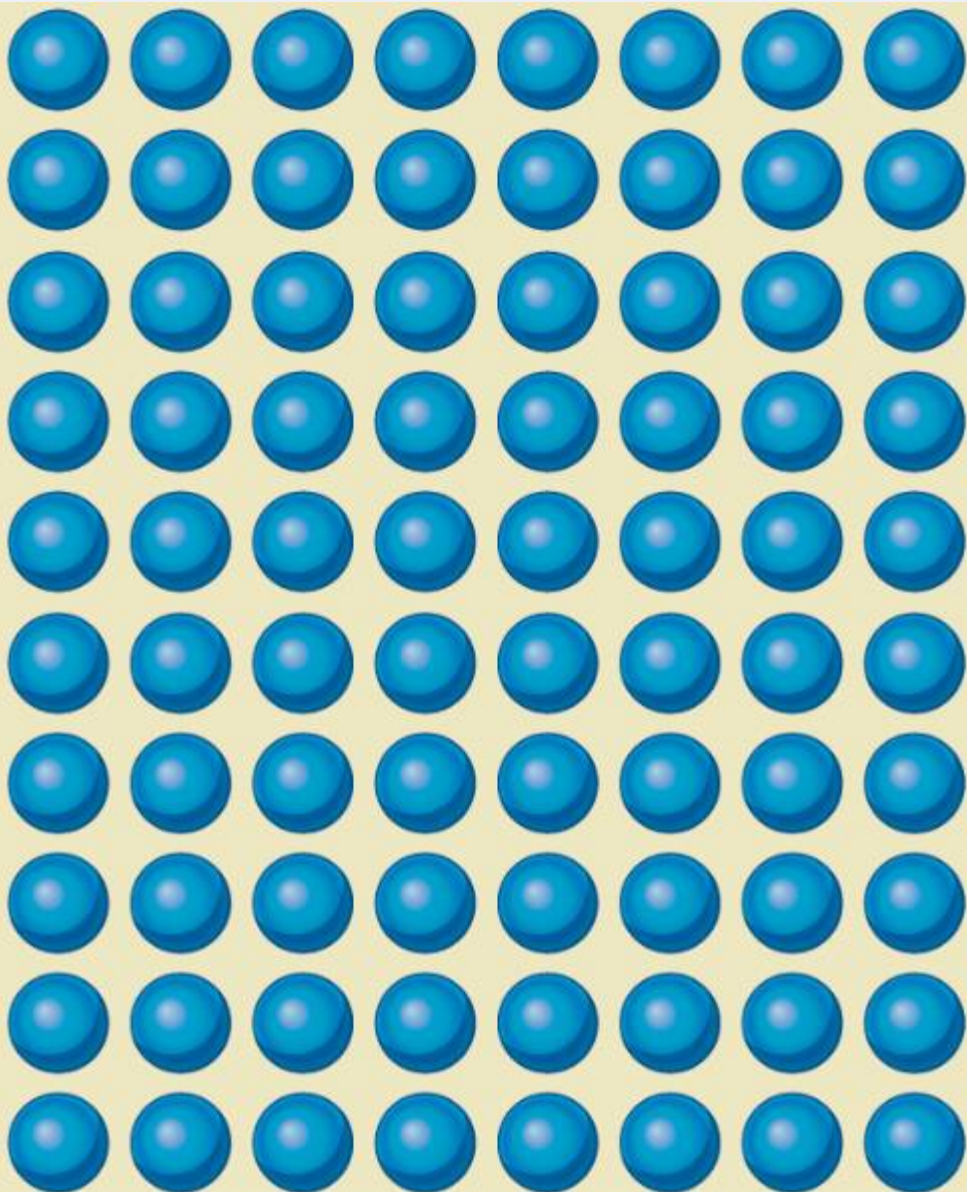


How can we find $\frac{1}{10}$ of these marbles?

How about $\frac{4}{10}$?

What about $\frac{5}{10}$? What about $\frac{8}{10}$?



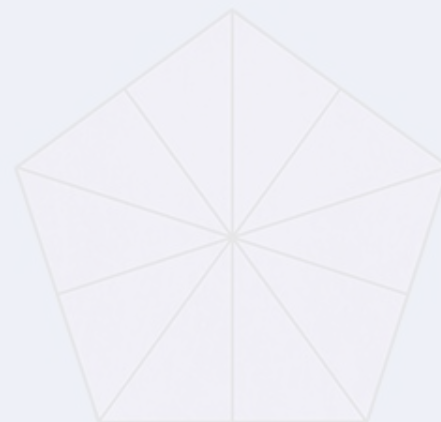


How can we find $\frac{1}{10}$ of these marbles?

How about $\frac{6}{10}$?

What about $\frac{7}{10}$?

What about $\frac{9}{10}$?



Red

Complete the extension slips in your tray.

Yellow

Copy and complete the following calculations.

1. What is $\frac{4}{10}$ of 140?

2. What is $\frac{1}{10}$ of 40?

3. What is $\frac{8}{10}$ of 160?

4. What is $\frac{5}{10}$ of 140?

5. What is $\frac{9}{10}$ of 170?

6. What is $\frac{2}{10}$ of 80?

7. What is $\frac{6}{10}$ of 10?

8. What is $\frac{7}{10}$ of 20?

Green

Complete the mastery extension from the tray.

