

# Finding the Fraction of a Group of Objects



**WALT:** find and write a fraction of a group of objects

**WILF:** I know what the **denominator** shows in a fraction. I know what the **numerator** shows in a fraction.

Are these 2 sentences true or false?

This number tells us  
how many parts we  
are looking at.

1

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10

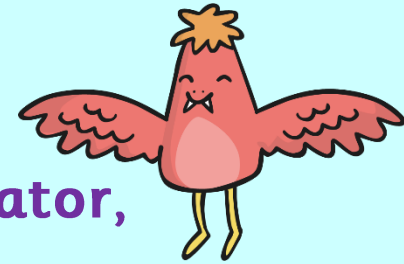
This number tells us  
how many equal  
parts there are that  
make 1 whole.

# TRUE!

1

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10



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

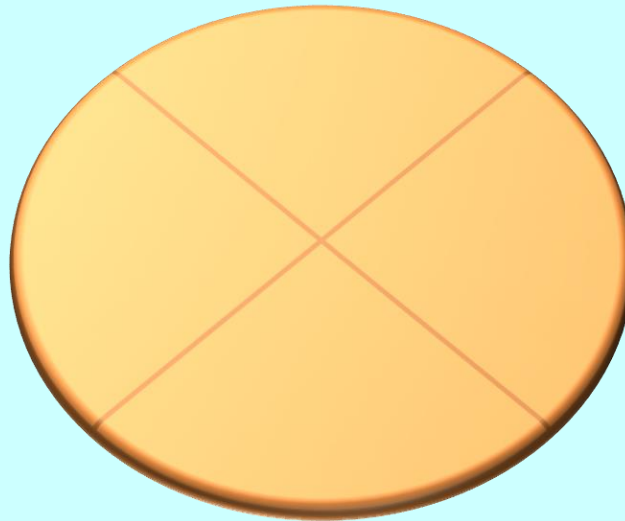
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Lurking below,  
The total she shows,  
Is Domino de-nomin-ator!

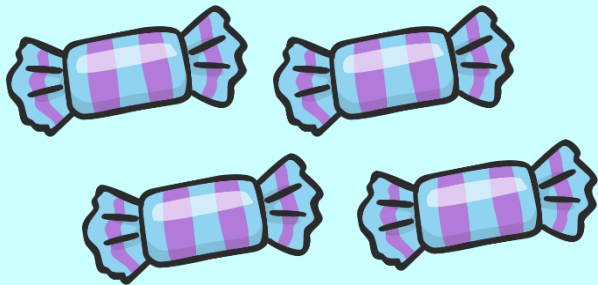
Fractions are fantastic when it comes to sharing with your friends because it helps you share equally.

To find any fraction you must first divide into equal parts.



Here is a selection of sweets. Let's work out how many there are of each as a fraction.

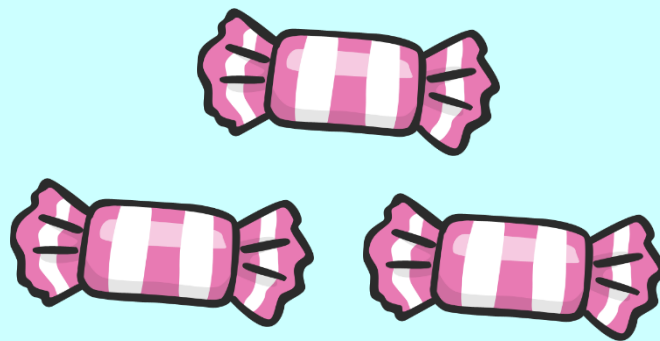
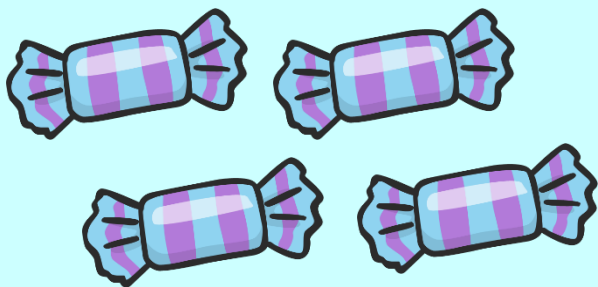
First we'll find **Domino the denominator**.  
How many sweets are there altogether?



There are 7 sweets altogether so we are using sevenths.  
This means **Domino** the denominator is **7**.

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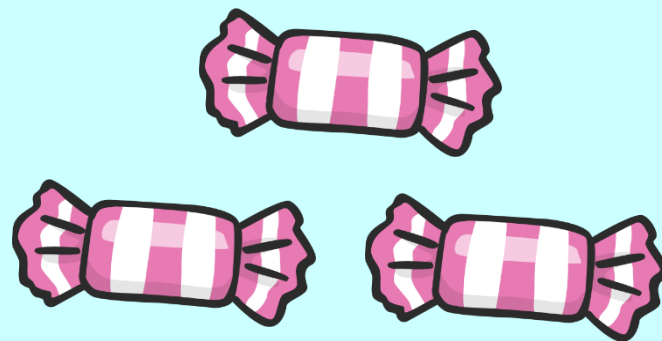
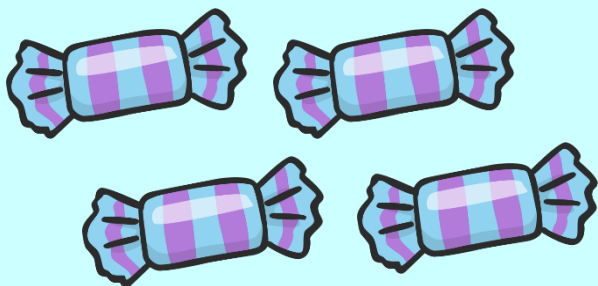
**7**



As a fraction how many of the sweets are blue?

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7

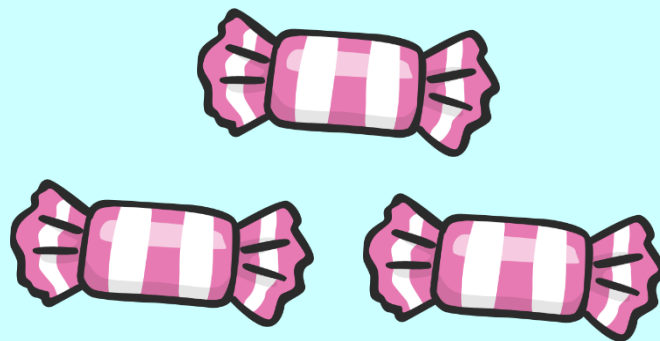
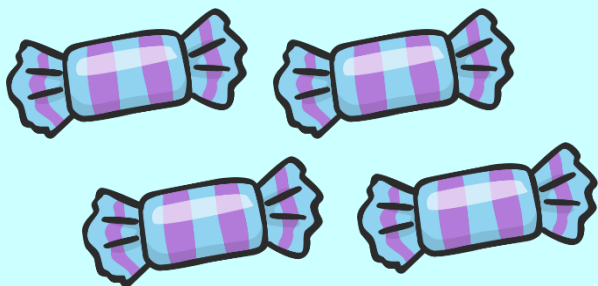




4 out of the 7 sweets are blue, so as a fraction, three sevenths of these sweets are pink.

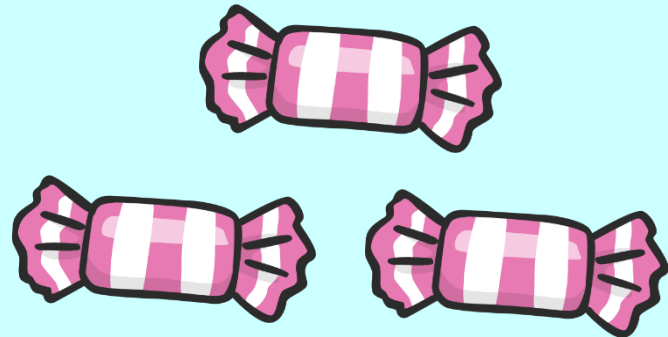
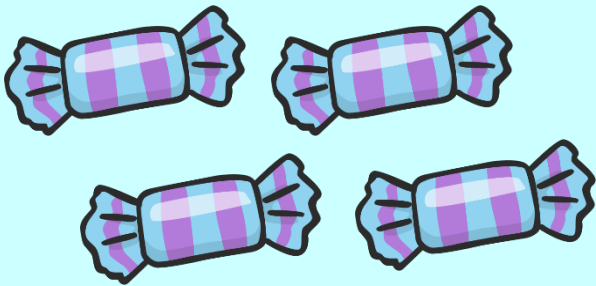
As a fraction, how many of the sweets are blue?

$$\frac{4}{7}$$



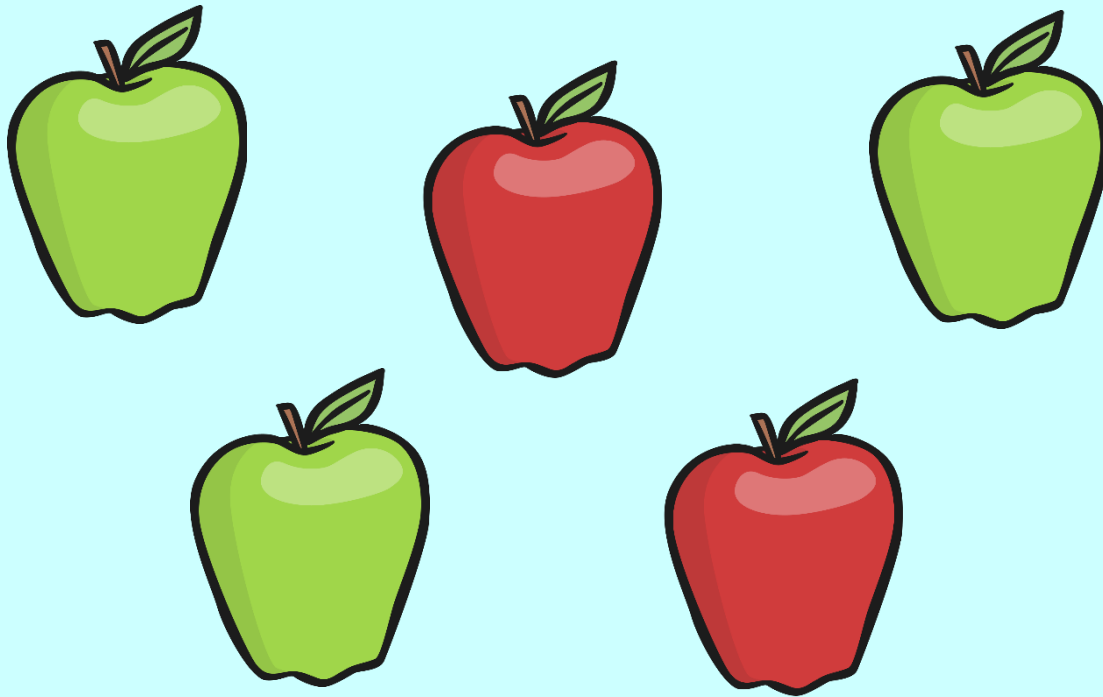
Three sevenths of these sweets are pink.

$$\frac{3}{7}$$



As a fraction, how many of these apples are red?

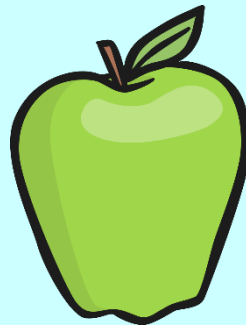
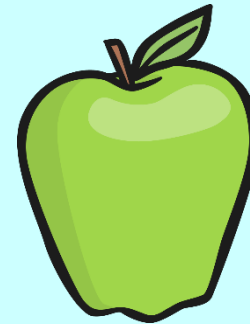
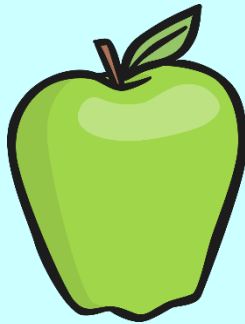
How many are green as a fraction?



There are 5 apples so we are using fifths which makes **Denominator** the denominator **5**.

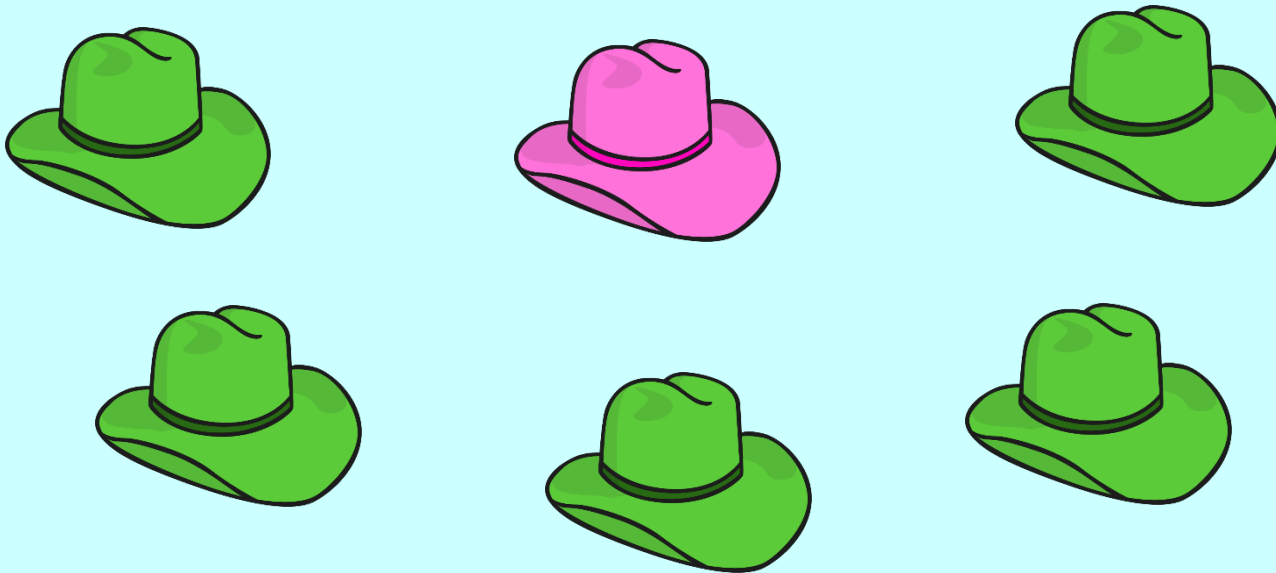
**Three fifths** of the apples are **green**.  $\frac{3}{5}$

**Two fifths** of the apples are **red**.  $\frac{2}{5}$



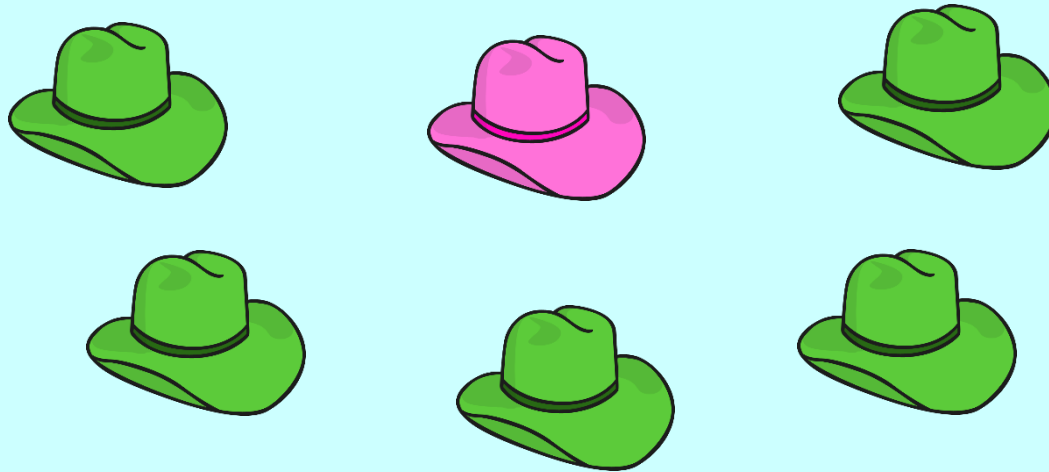
We want to know how many hats here are green as a fraction.

Which number is **Nico the numerator** and which number is **Domino the denominator**?



Nico the numerator is 5  
and Domino the denominator is 6

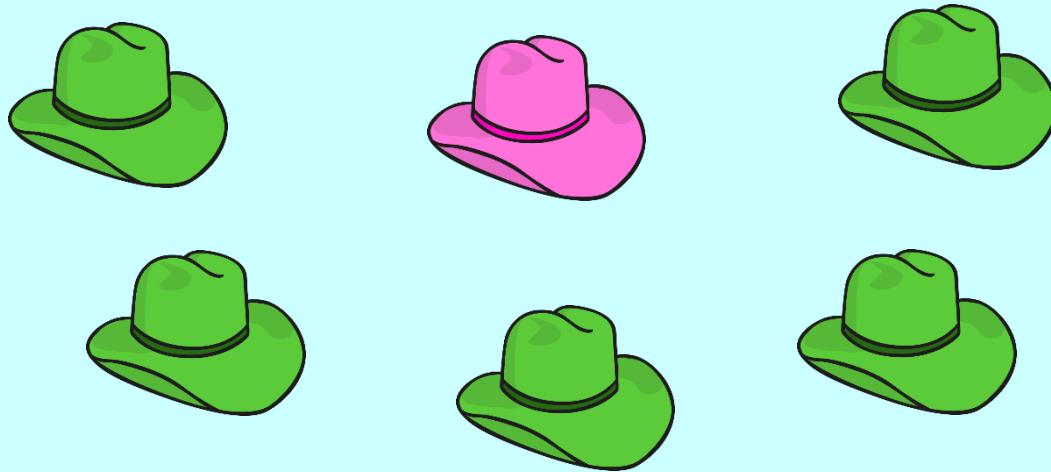
$$\frac{5}{6}$$



Five sixths of the hats are green, which means...

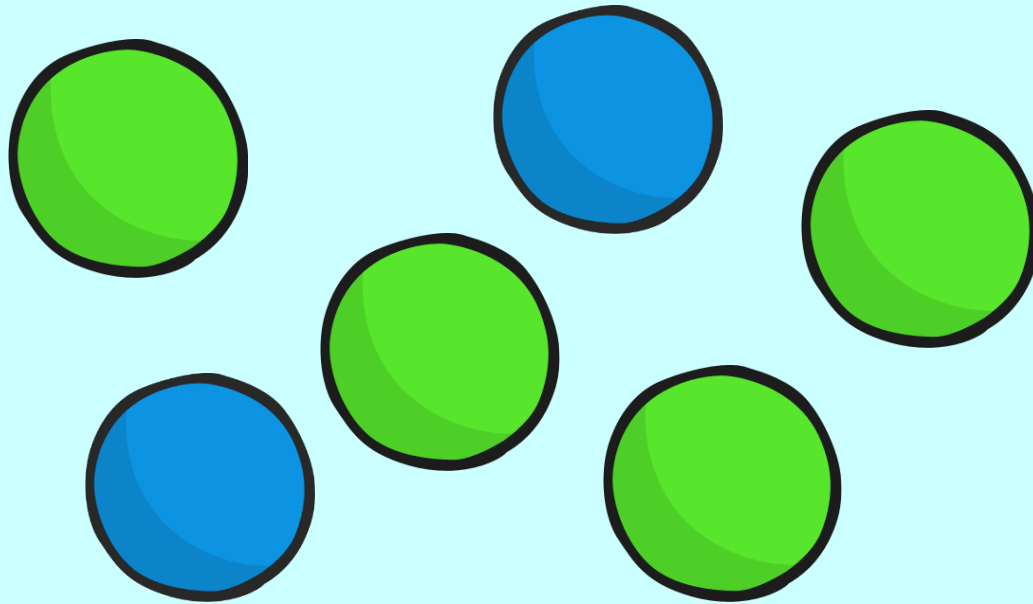
... one sixth of the hats are pink!

$$\frac{1}{6}$$

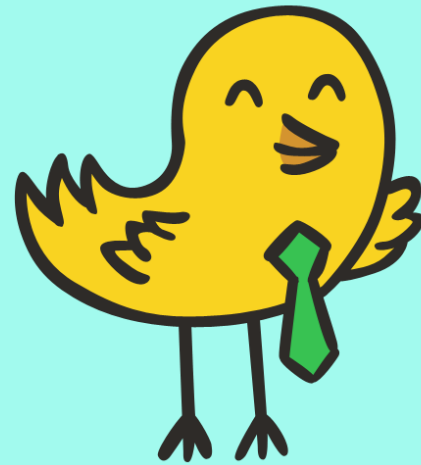


## Plenary

As a fraction, how many of these balls are green?







THE END

1 2 3 4 5 6 7 8 9