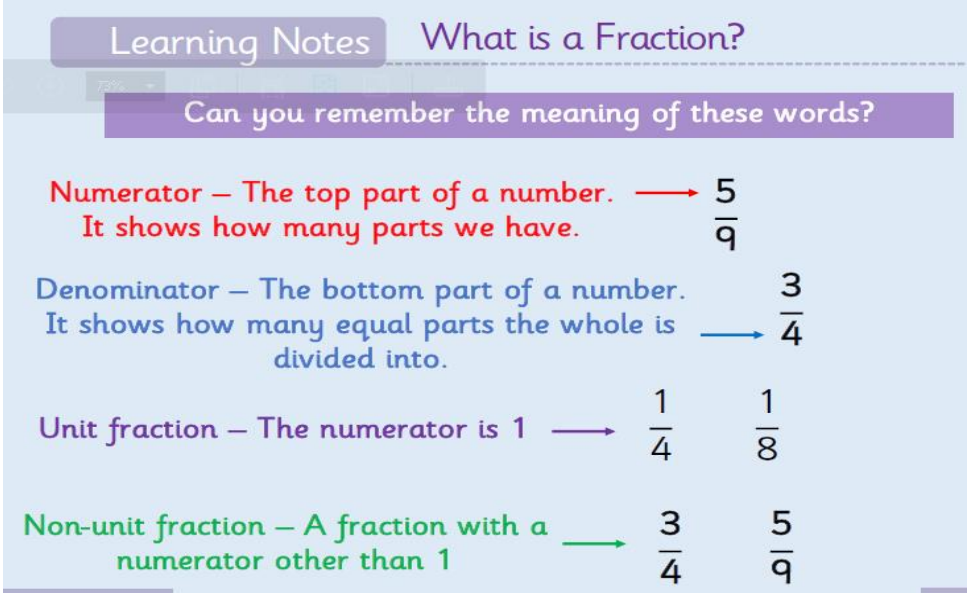
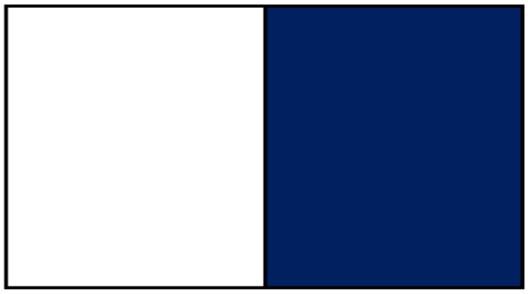
_Maths
Times Table Rock Stars
Mental Maths – www.topmarks.co.uk/maths-games/daily10
Hit the Button – www.topmarks.co.uk/maths-games/hit-the-button

Monday- **LI: Can I identify a fraction?**



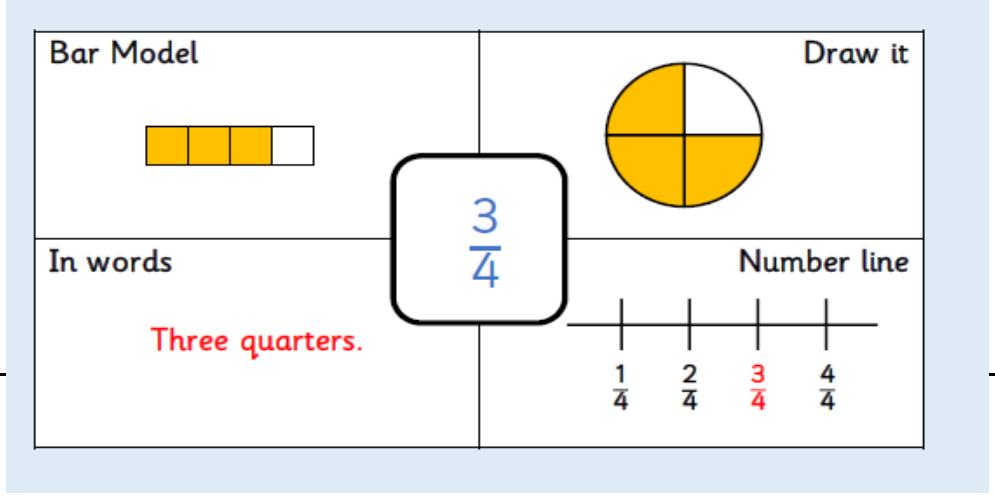


The rectangle is divided into two equal parts.

1 out of 2 is written as $\frac{1}{2}$ ← numerator ← denominator

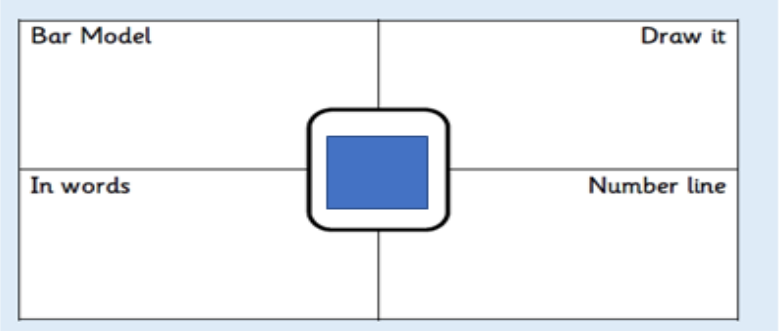
$\frac{1}{2}$ is read as one half or one over two.

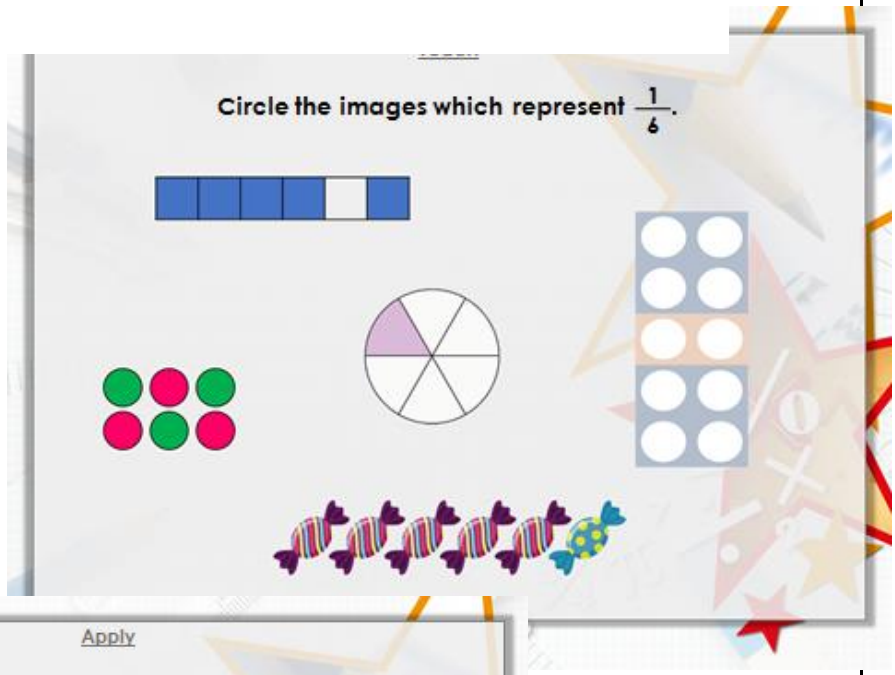
Fractions can be represented in many ways.

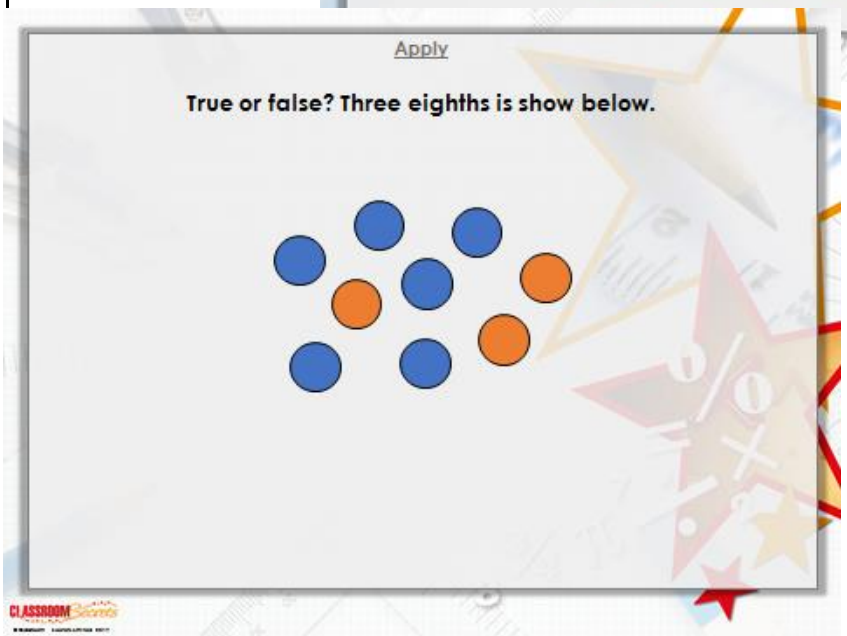


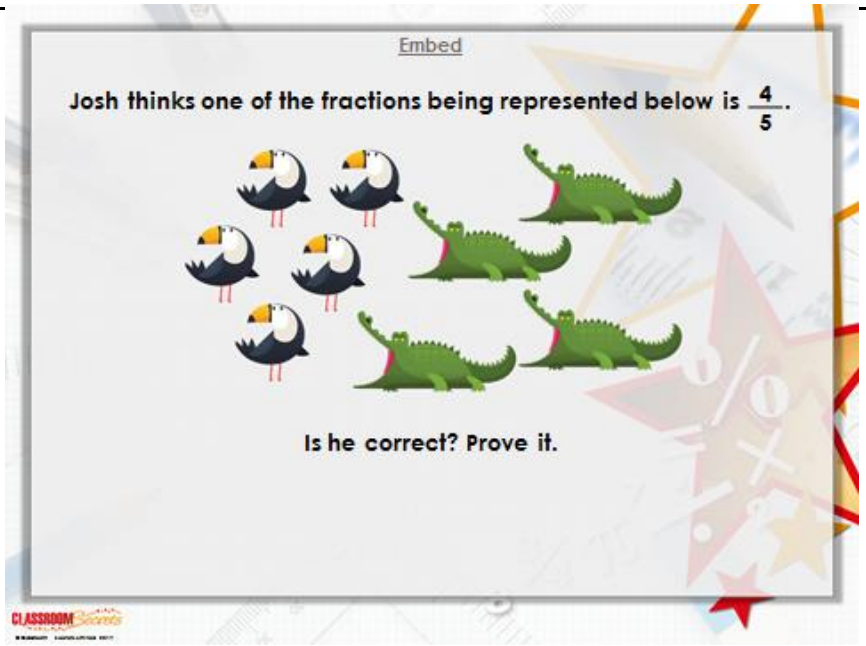
Practice

How could you show 1/3?

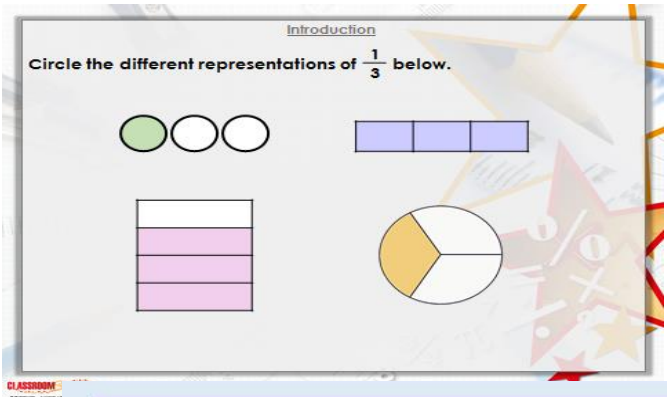




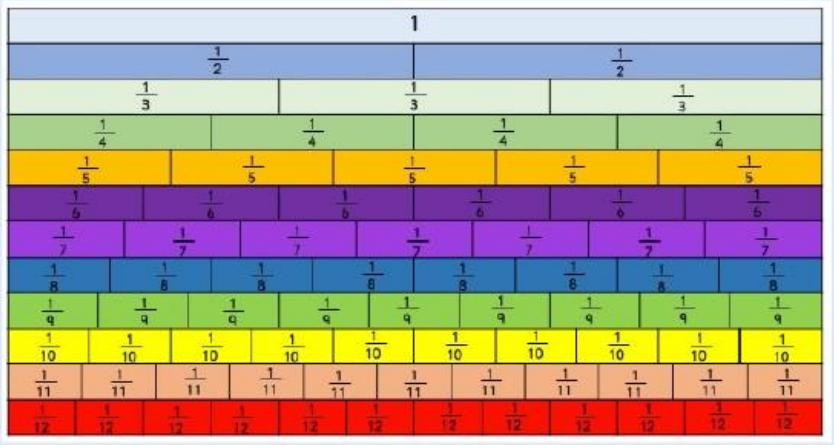




Tuesday 23rd February



How many fractions equivalent to one half can you see on the fraction wall?



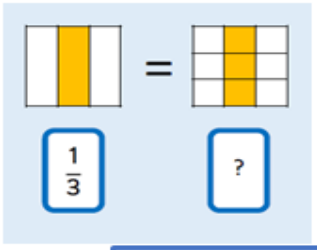
Teach

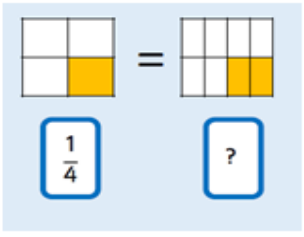
Use two strips of equally sized paper.

1. Fold one strip into quarters and the other into eighths.
2. Place the quarters on top of the eighths and lift up one quarter.
3. How many eighths are equivalent to one quarter?

Practice

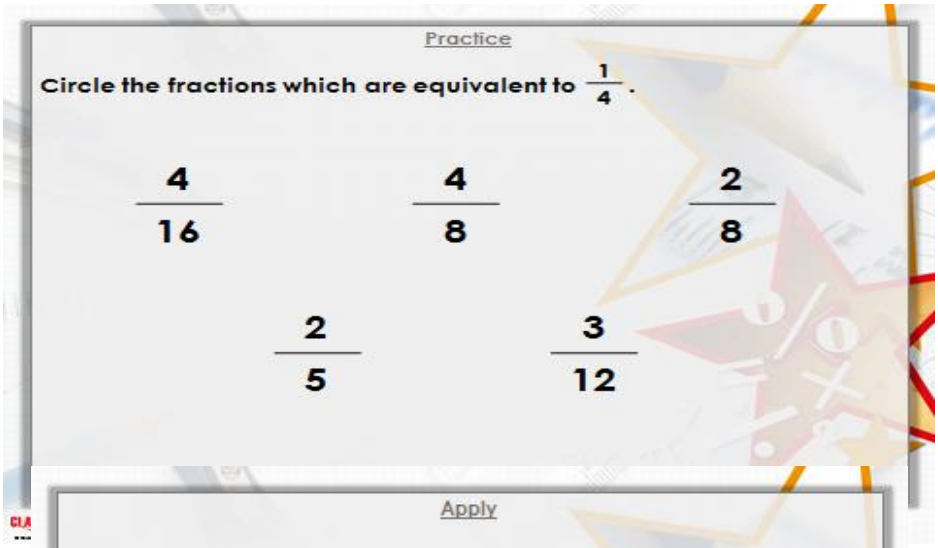
Write the equivalent fractions.

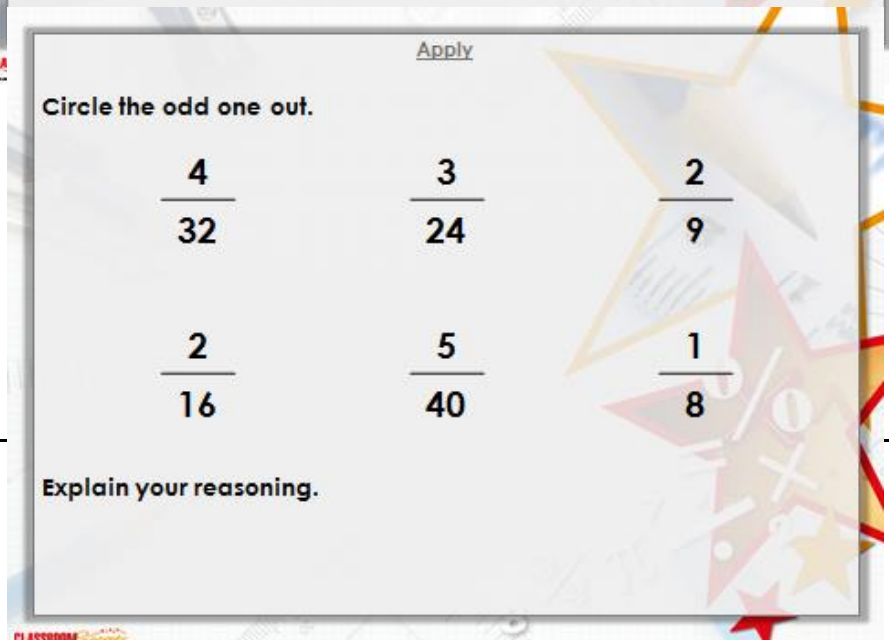




Remember – the top number (numerator) is how many parts of coloured in

The bottom number (denominator) is out of how many.





Embed

Jenny, Finn and Greg are sharing some chocolate.

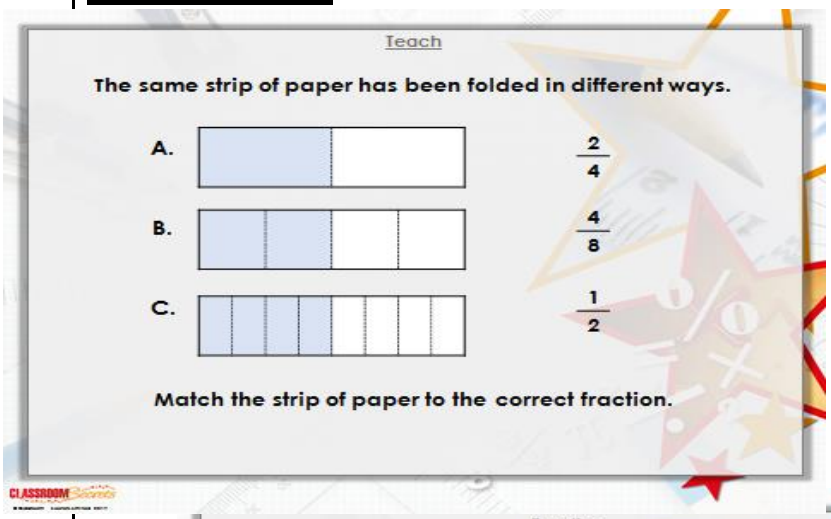
Jenny eats $\frac{1}{8}$ of the chocolate.

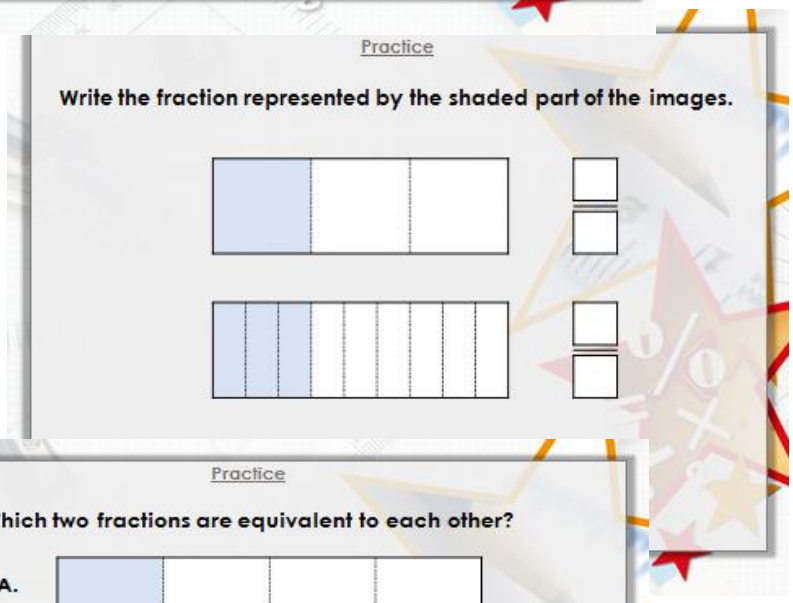
Finn eats $\frac{3}{24}$.

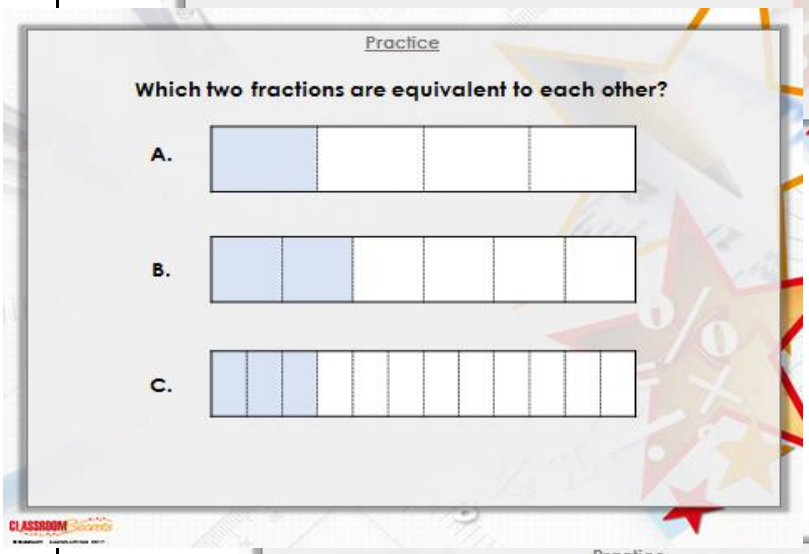
Greg eats $\frac{4}{32}$.

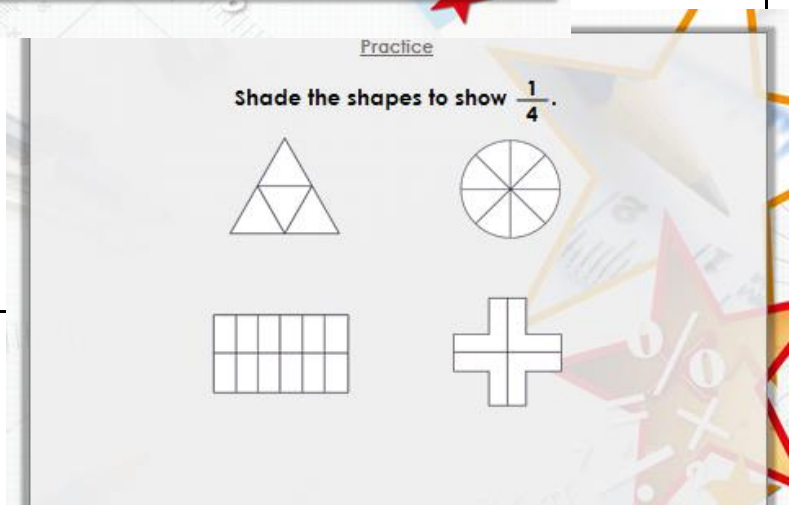
Did everyone get an equal share?

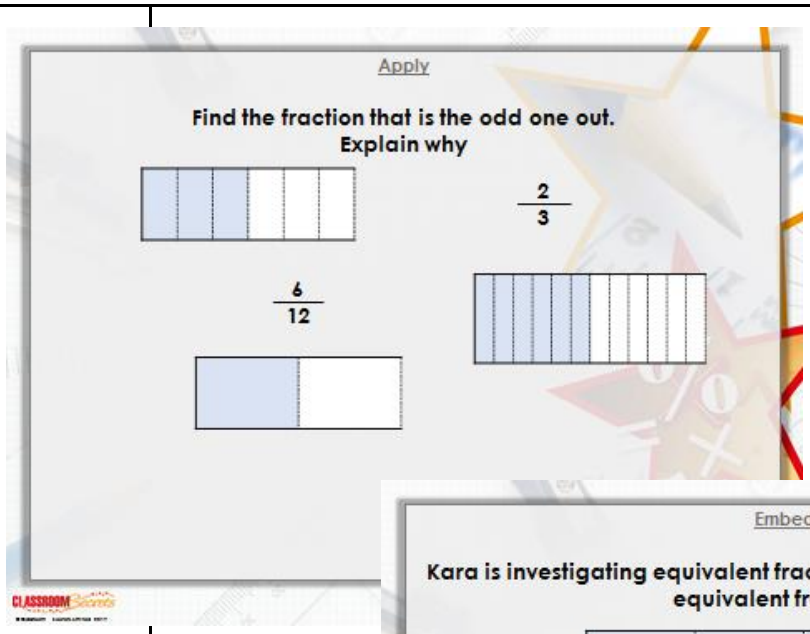
Wednesday- **LI: Can I Identify Equivalent Fractions?**

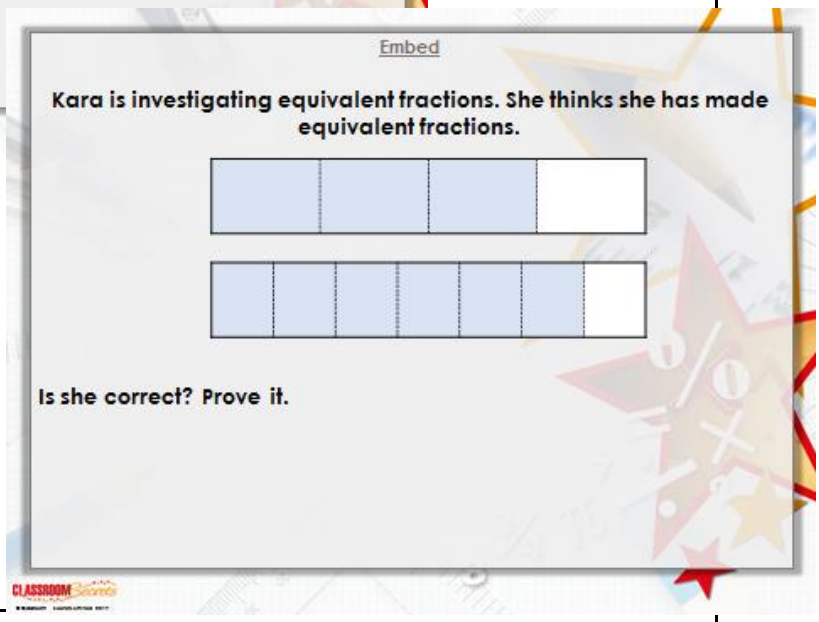




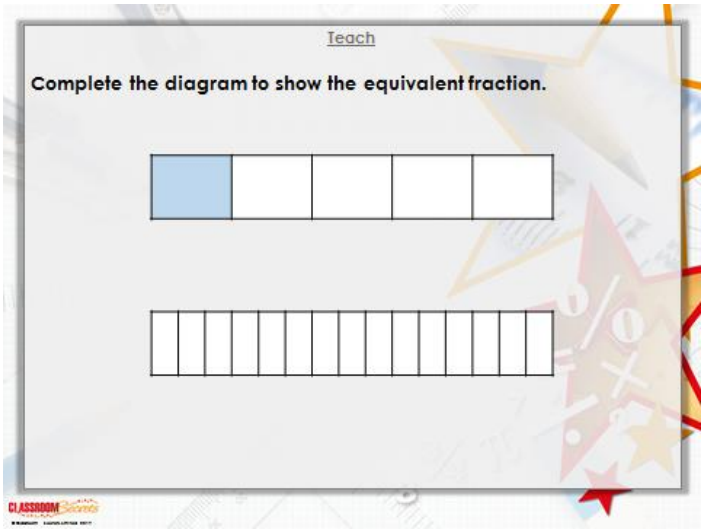








Thursday- **LI: Can I identify Equivalent Fradtions?**



Complete these equivalent fractions. Remember – you must do the same action to both.

Section A

$\frac{1}{2} = \frac{2}{\square}$ $\frac{1}{3} = \frac{3}{\square}$ $\frac{1}{4} = \frac{4}{\square}$ $\frac{1}{5} = \frac{5}{\square}$

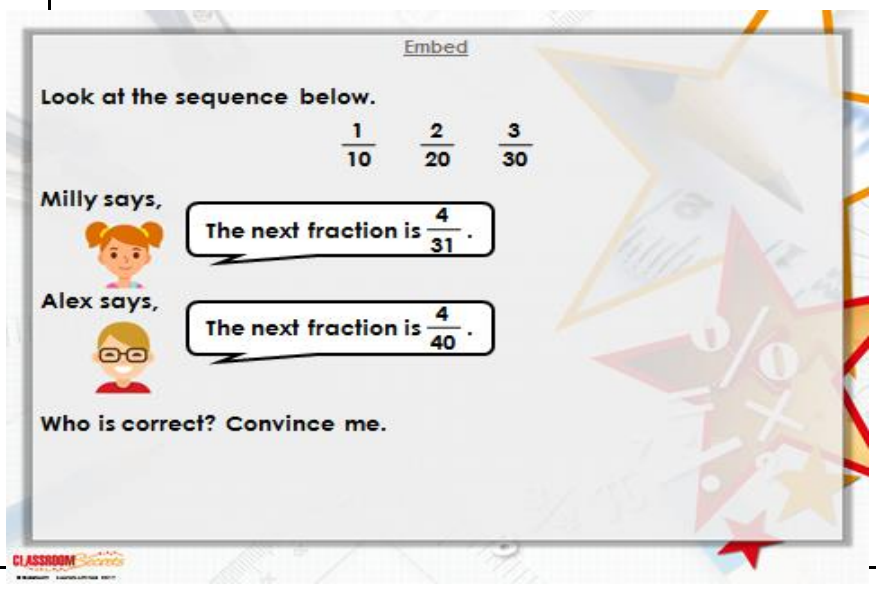
Apply/Embed

A cake is cut into equal pieces.

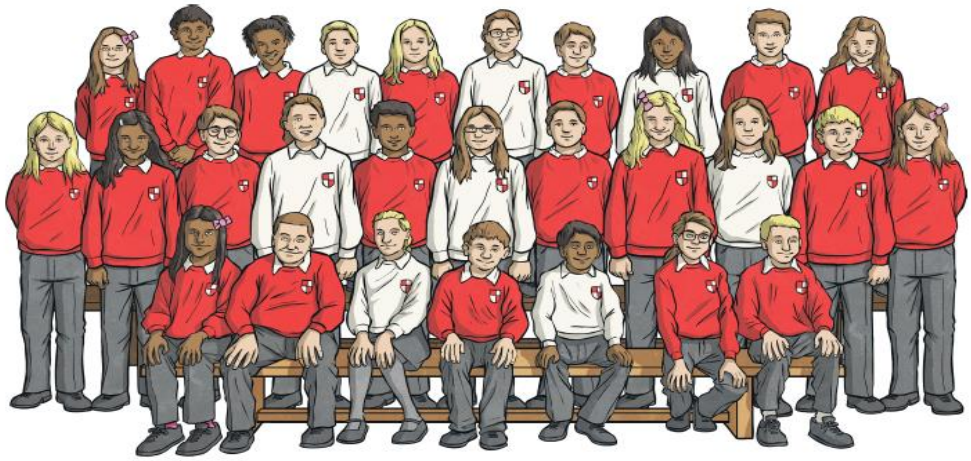
Emma gets $\frac{2}{4}$ Hayley gets $\frac{6}{12}$.

Hayley says that Emma has the most cake.

Is Hayley right? Explain why?



Friday- **LI: Can I solve problems using fractions?**



Use the fraction bars to help you to work out how many children fit each clue.
There are 28 children in the photo.

$\frac{1}{2}$ of the children have brown hair.

$\frac{1}{4}$ of the children have blonde hair.

$\frac{1}{4}$ of the children have black hair.

$\frac{1}{4}$ of the children are sitting down.

$\frac{3}{4}$ of the children have brown eyes.

$\frac{1}{4}$ of the children have blue eyes.

$\frac{1}{7}$ of the children wear glasses.

$\frac{4}{7}$ of the children are girls.

$\frac{3}{7}$ of the children are boys.

$\frac{5}{7}$ of the children are wearing red sweatshirts.

$\frac{2}{7}$ of the children are wearing white sweatshirts.

$\frac{1}{4}$ of the girls have a bow in their hair.

There are 28 children in the photo.

$\frac{1}{2}$ of the children have brown hair.	$\frac{3}{4}$ of the children have brown eyes.	$\frac{3}{7}$ of the children are boys.
$\frac{1}{4}$ of the children have blonde hair.	$\frac{1}{4}$ of the children have blue eyes.	$\frac{5}{7}$ of the children are wearing red sweatshirts.
$\frac{1}{4}$ of the children have black hair.	$\frac{1}{7}$ of the children wear glasses.	$\frac{2}{7}$ of the children are wearing white sweatshirts.
$\frac{1}{4}$ of the children are sitting down.	$\frac{4}{7}$ of the children are girls.	$\frac{1}{4}$ of the girls have a bow in their hair.
