Maths Home Learning
(not using White Rose resources)

Week 7

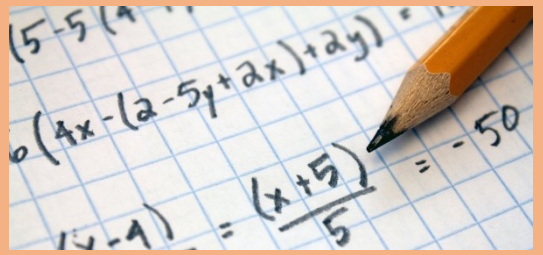
There will be 5 Maths lessons teaching the same concepts as the White Rose lessons but at a less tricky level.

Maths Home Learning Tip!

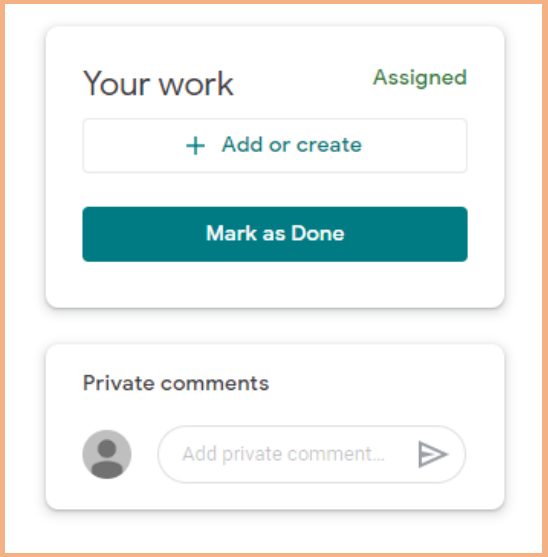
If the links don't work when you click on them in the PowerPoint, copy and paste the link into your browser.

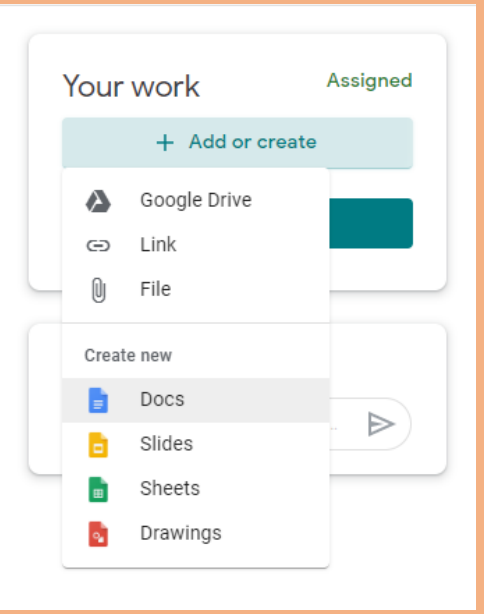
Ways to complete the activities

1. You can leave the activity sheet on a screen, write your answers on a piece of paper, take a photo and upload it under the Maths assignment.



2. You can create a **Google Doc**, type your answers into it and submit the Google Doc under the Maths assignment.



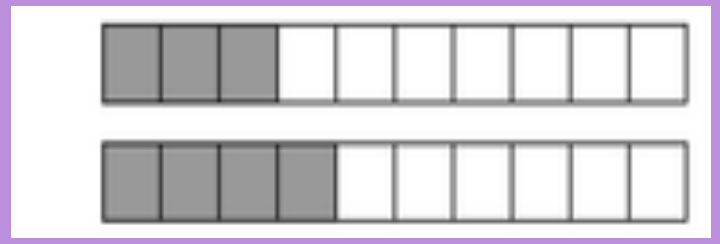


Week 7 Overview

Monday - Tenths and Hundredths
Tuesday - Equivalent Fractions 1
Wednesday - Equivalent Fractions 2
Thursday - Fractions greater than 1
Friday - Friday Challenge

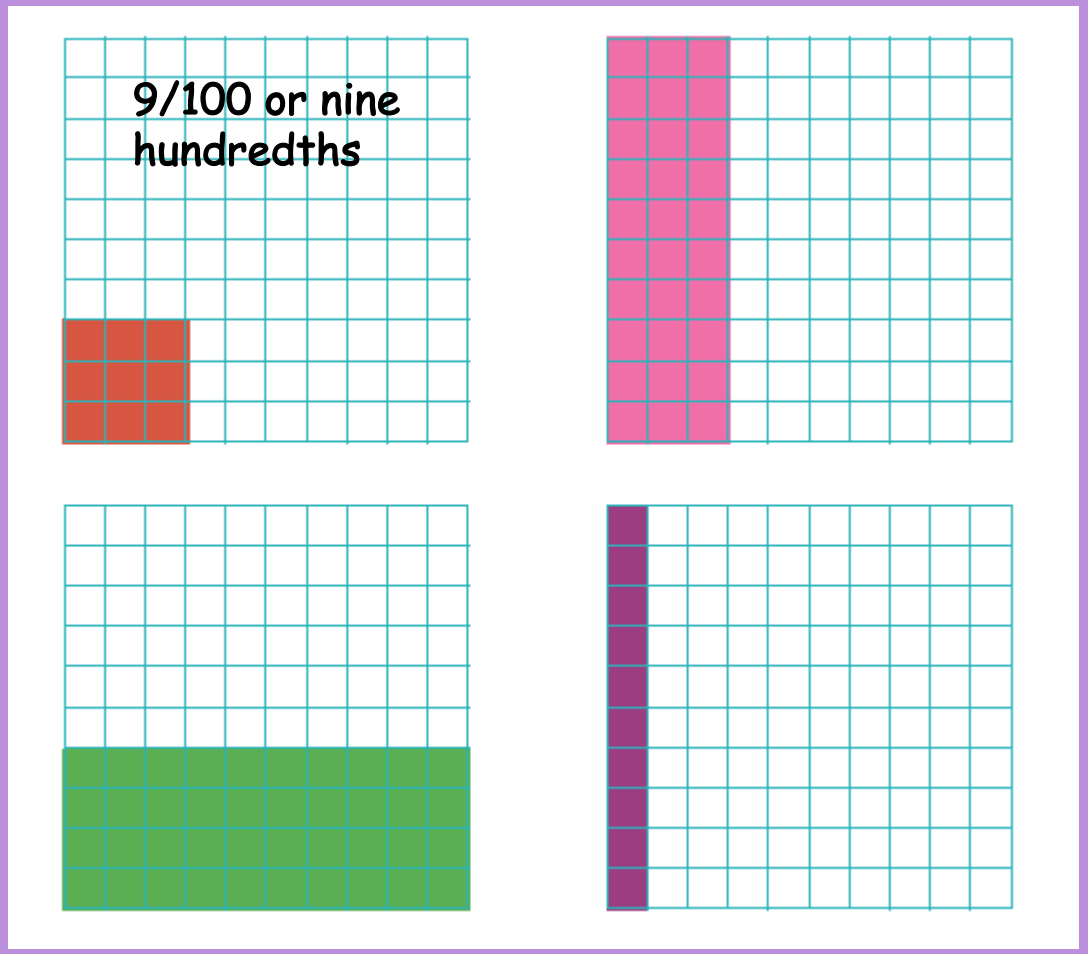
Monday - Tenths and Hundredths

How many tenths are shaded?



3/10 or three tenths

How many hundredths are shaded?



Monday - Tenths and Hundredths - the answers

How many Tenths are shaded?

3/10 or three tenths

4/10 or four tenths

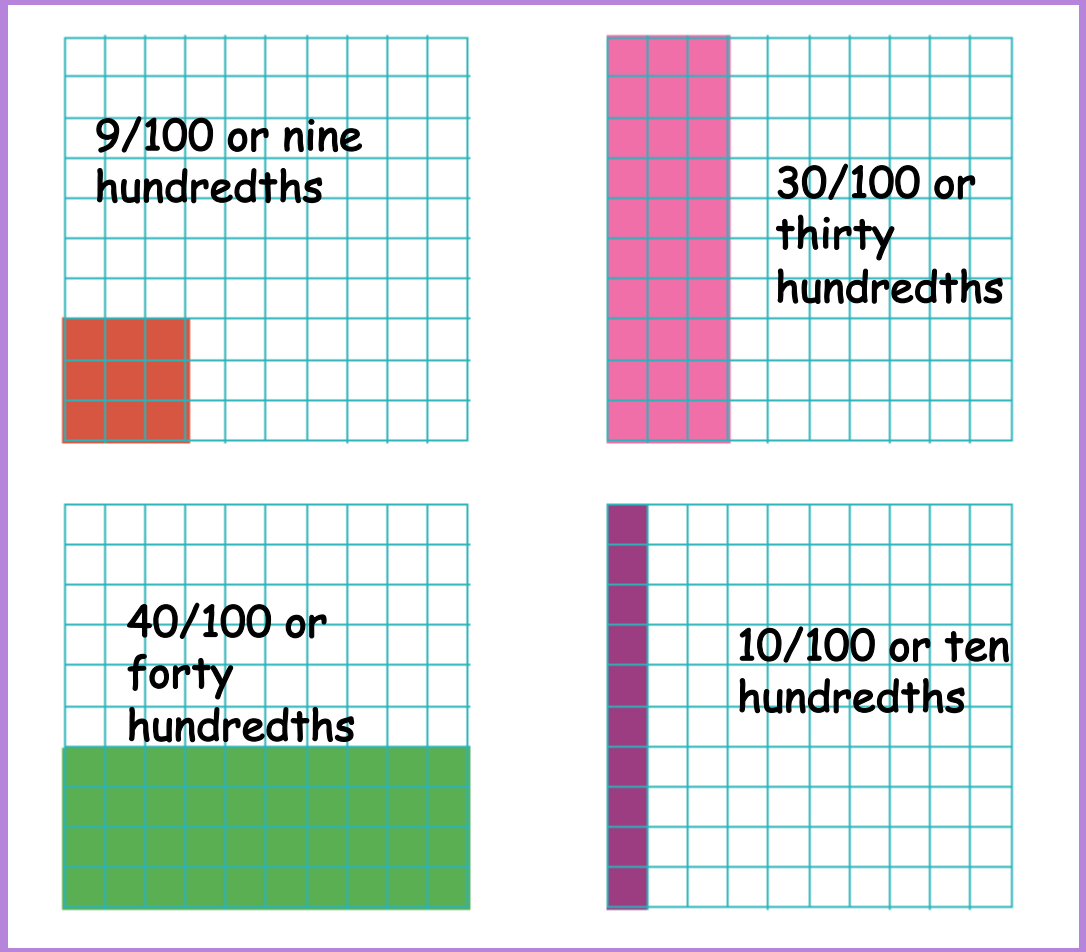
10/10 or ten tenths or one whole

6/10 or six tenths

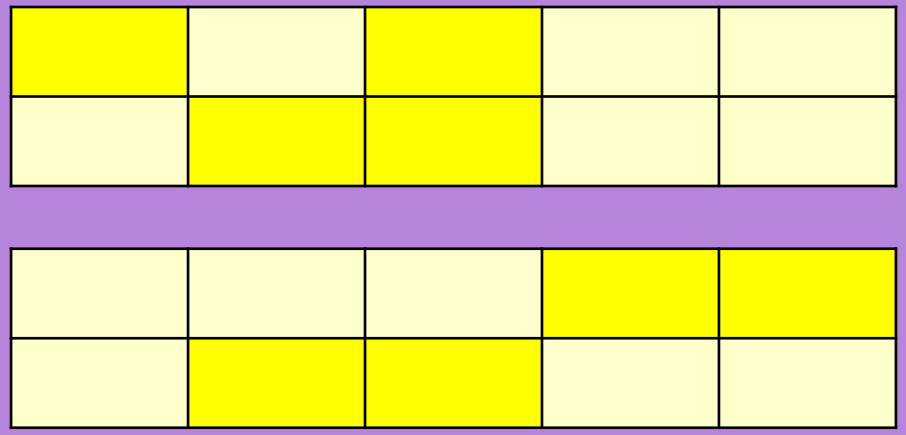
5/10 or five tenths

6/10 or six tenths

How many hundredths are shaded?



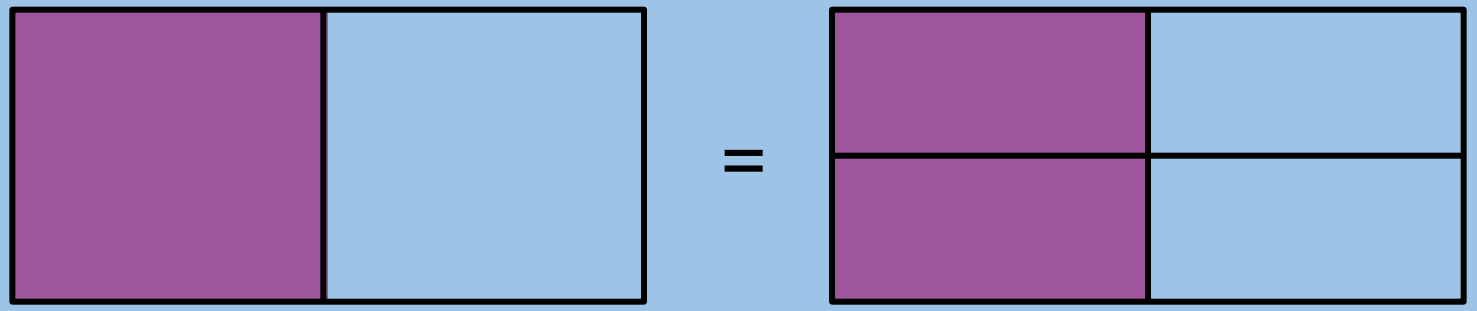
Monday Challenge



Here are 4 tenths shown in two different ways.
How many different ways can you show 4/10 on a grid like this?
(you can use a pencil and ruler to draw your grid.)

Tuesday –equivalent fractions 1

https://www.youtube.com/watch?v=qcHHhd6HizI



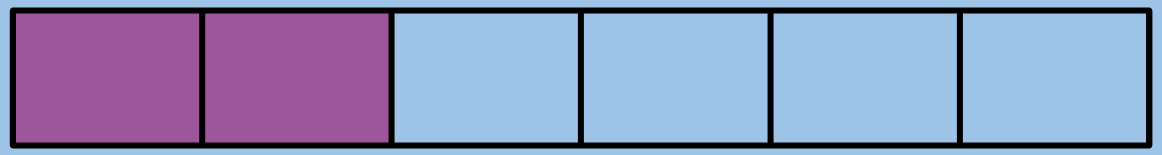
$\frac{1}{2}$ = $\frac{2}{4}$

These shapes have been divided into different equal amounts but the fraction shaded is the same size. They are equivalent fractions.

$\frac{1}{3}$

=

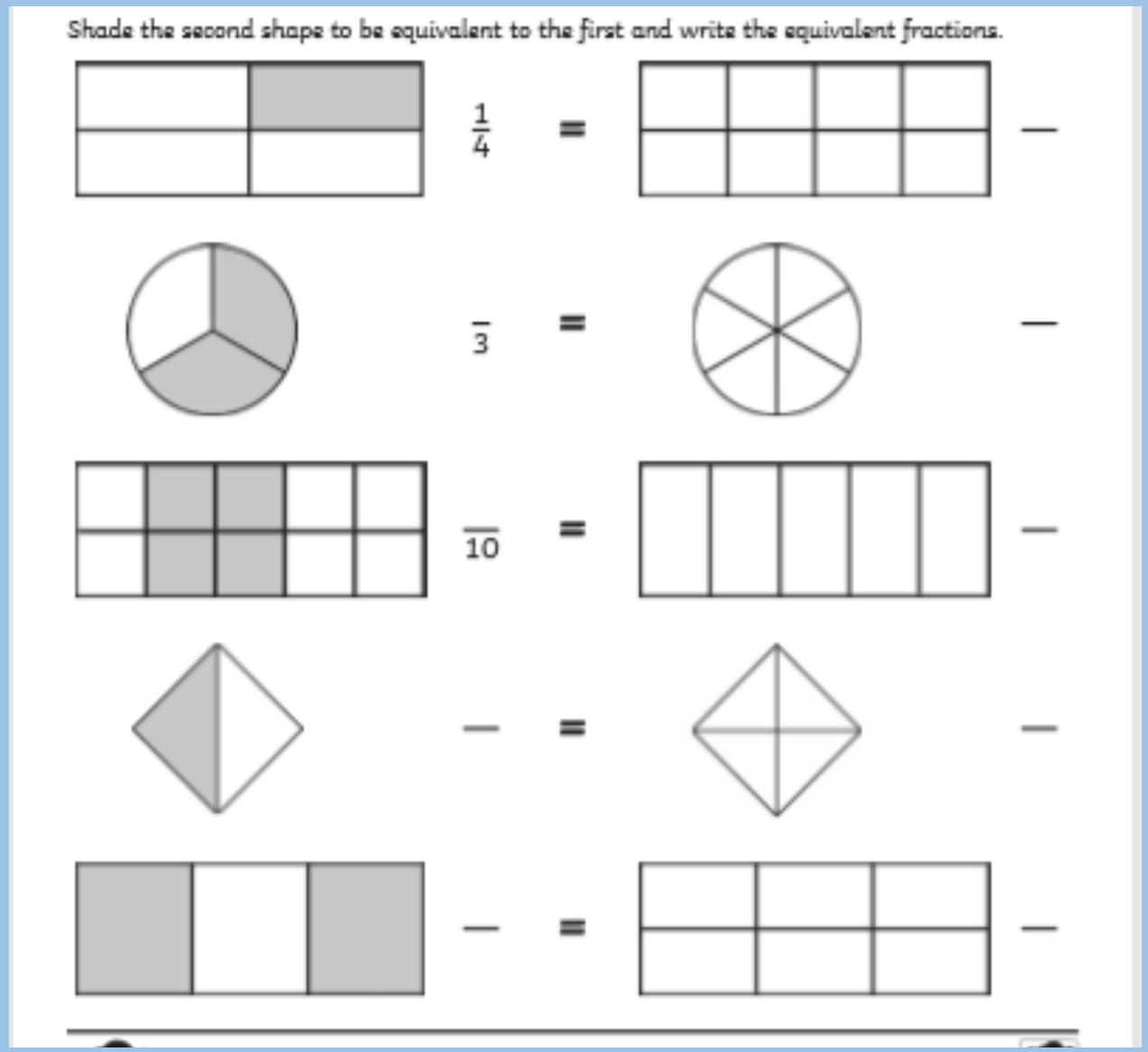
$\frac{2}{6}$



These shapes have been divided into different equal amounts but the fraction shaded is the same size. They are equivalent fractions.

Tuesday –equivalent fractions 1

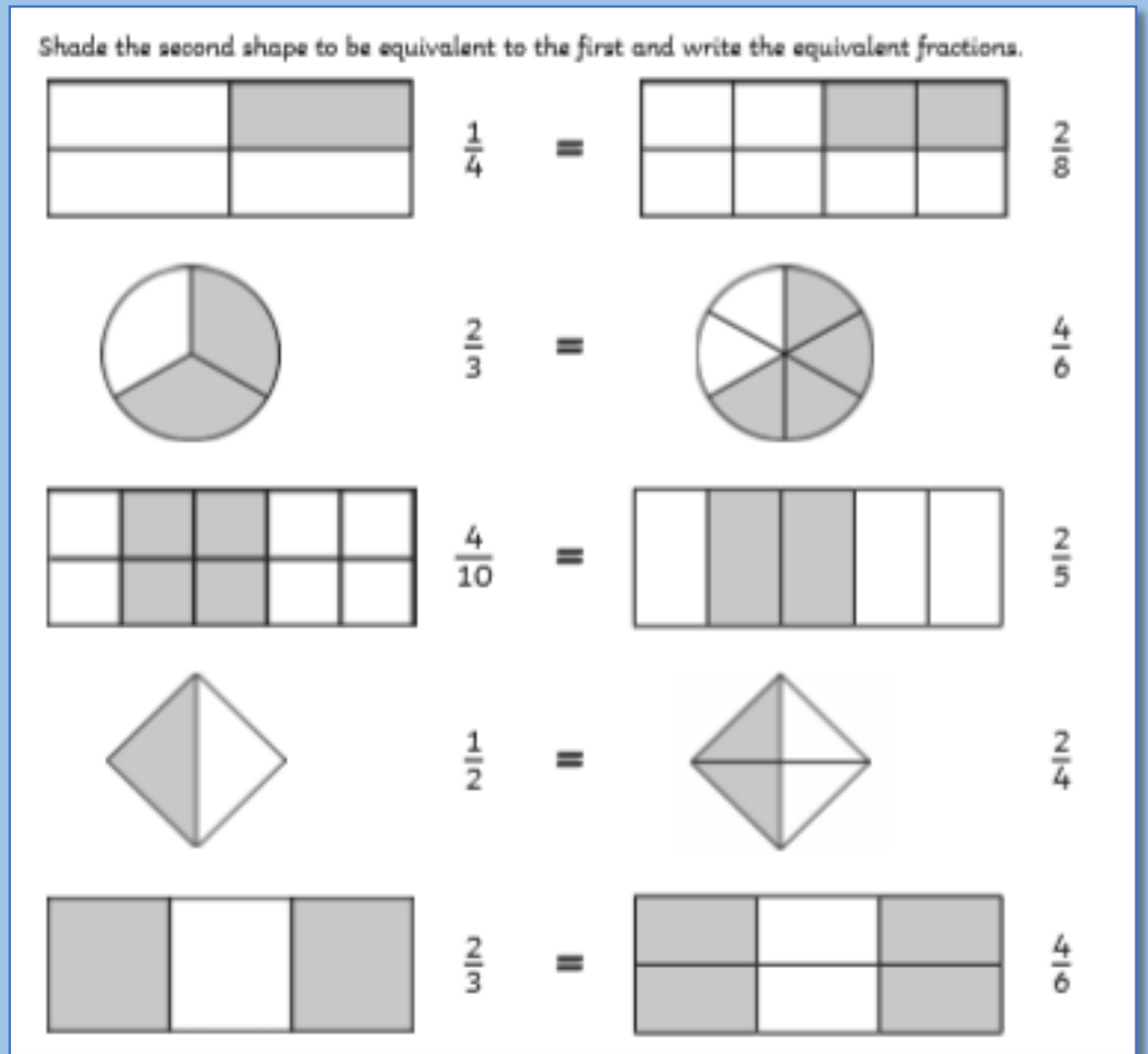
A copy of this sheet is on Google Classroom.



Or you could just write what fraction would be equivalent to the shaded fraction.

Tuesday –equivalent fractions– the answers.

A copy of this sheet is on Google Classroom.



Shade the second shape to be equivalent to the first and write the equivalent fractions.

$\frac{1}{4} = \frac{2}{8}$

$\frac{2}{3} = \frac{4}{6}$

$\frac{4}{10} = \frac{2}{5}$

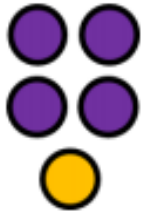
$\frac{1}{2} = \frac{2}{4}$

$\frac{2}{3} = \frac{4}{6}$

Tuesday Challenge

Which representations of $\frac{4}{5}$ are incorrect?

$\frac{4}{5}$

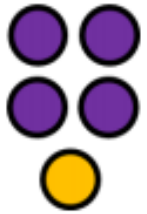


Explain how you know.

Tuesday Challenge Answer

Which representations of $\frac{4}{5}$ are incorrect?

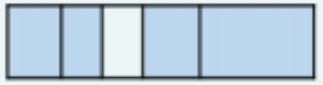
$\frac{4}{5}$



Explain how you know.

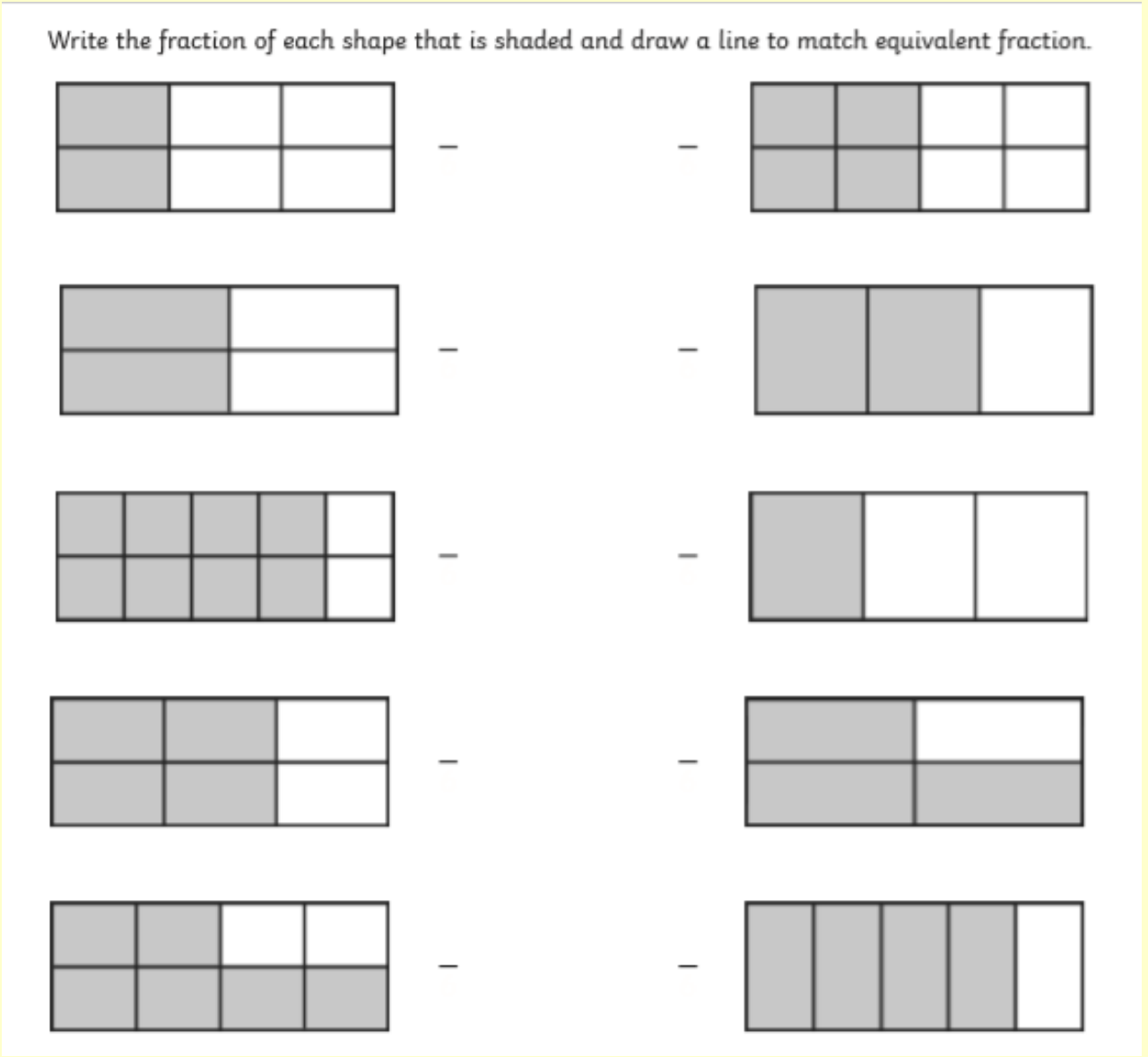
The image of the dogs could represent $\frac{2}{5}$ or $\frac{3}{5}$

The bar model is not divided into equal parts so this does not represent $\frac{4}{5}$



Wednesday –Equivalent Fractions 2.

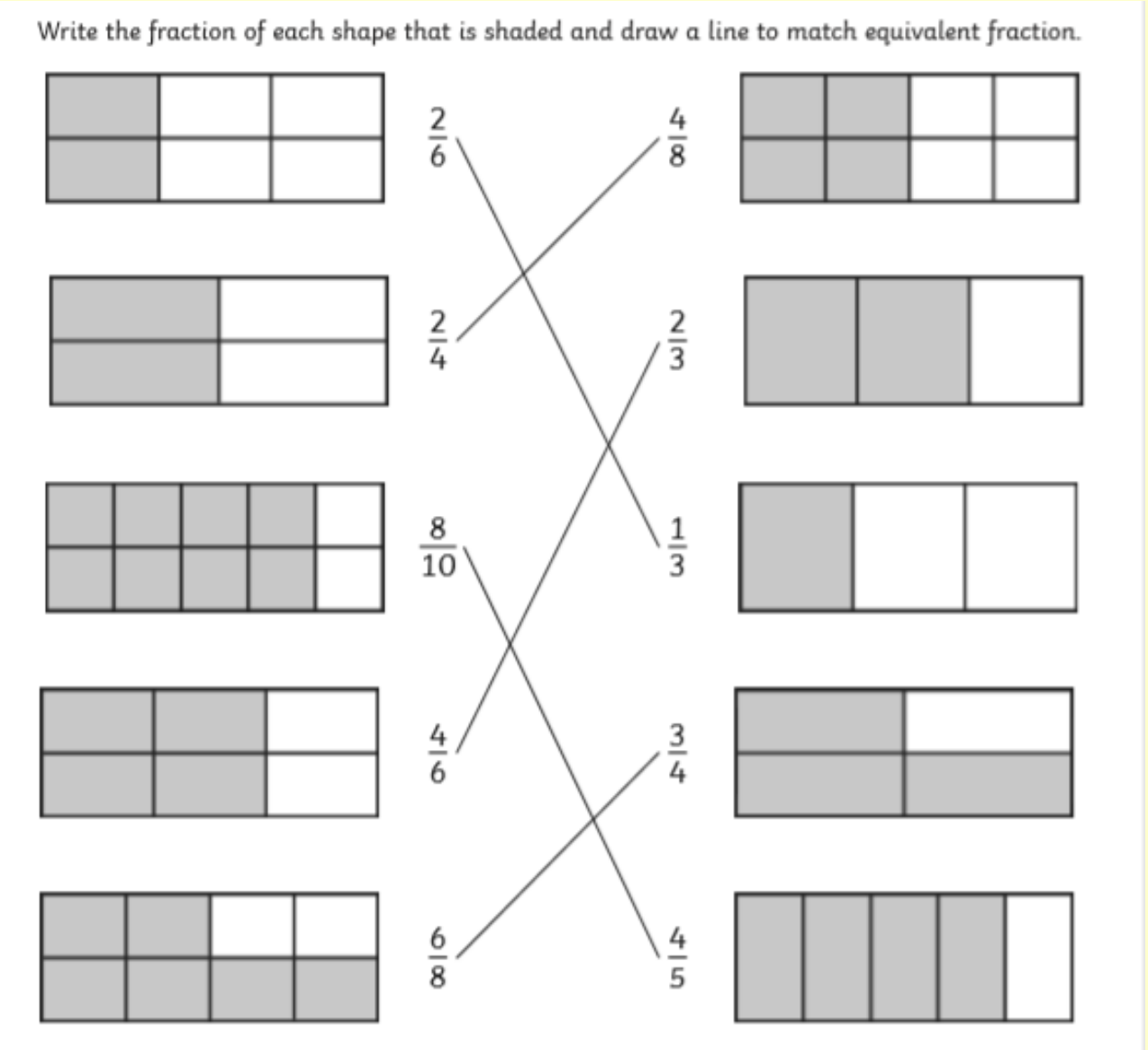
A copy of this sheet is on Google Classroom.



Or you could just write which fractions are equal to each other.

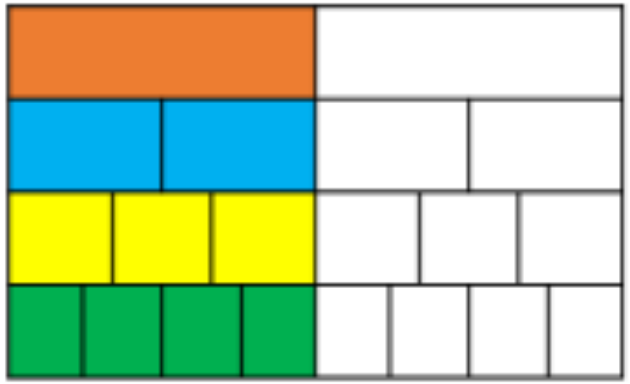
Wednesday – Equivalent fractions 2.
The answers

A copy of this sheet is on Google Classroom.



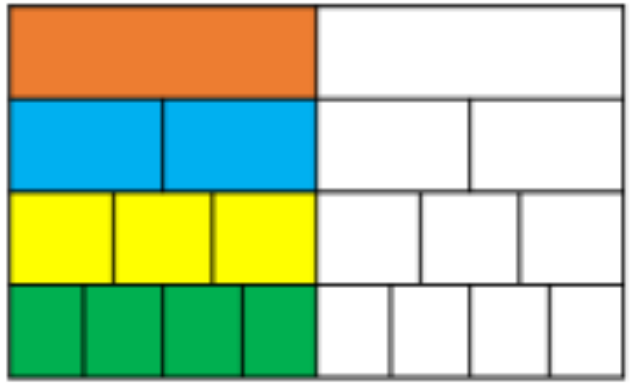
Wednesday Challenge

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



Wednesday Challenge - The answers

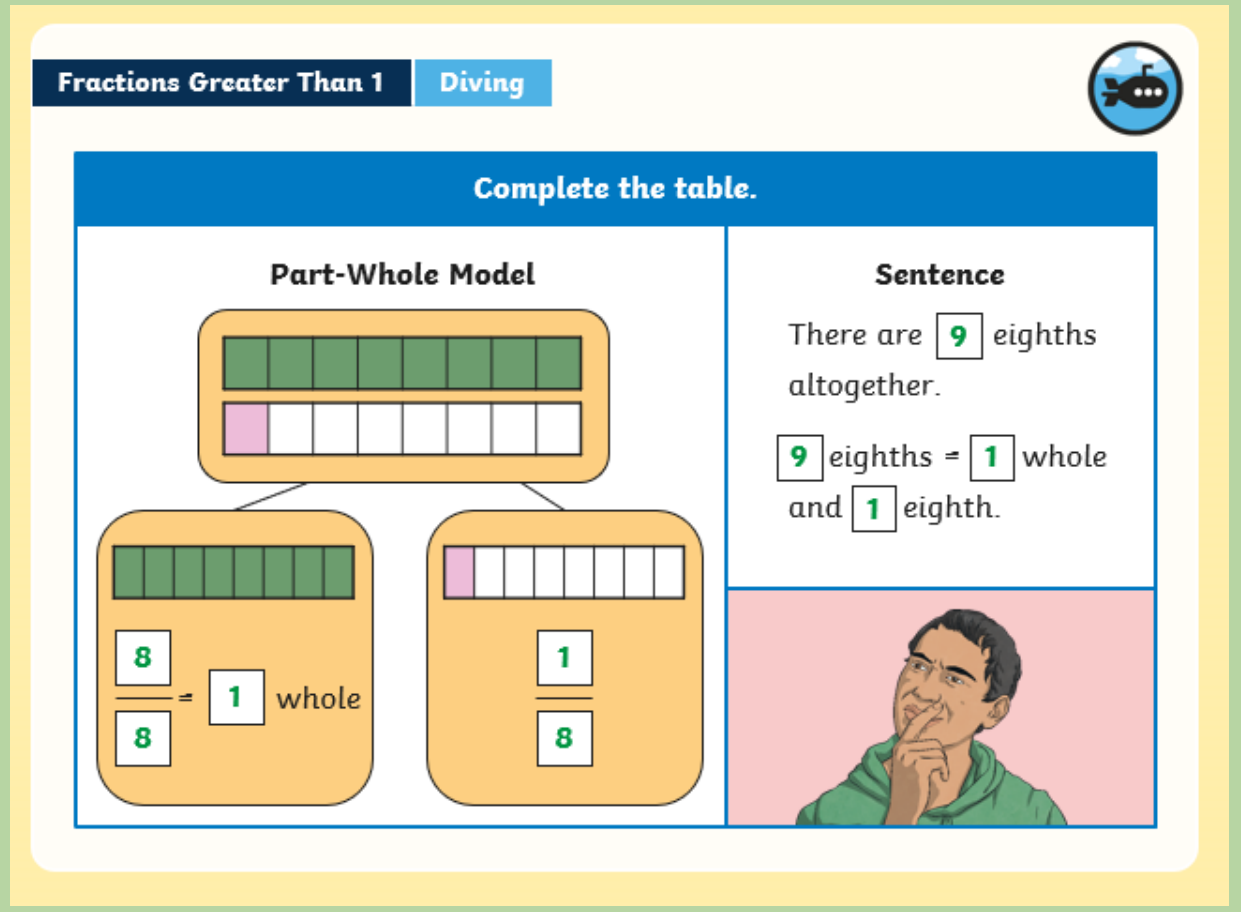
How many fractions that are equivalent to one half can you see on the fraction wall?



$$\frac{1}{2} = \frac{2}{4} = \frac{3}{6} = \frac{4}{8}$$

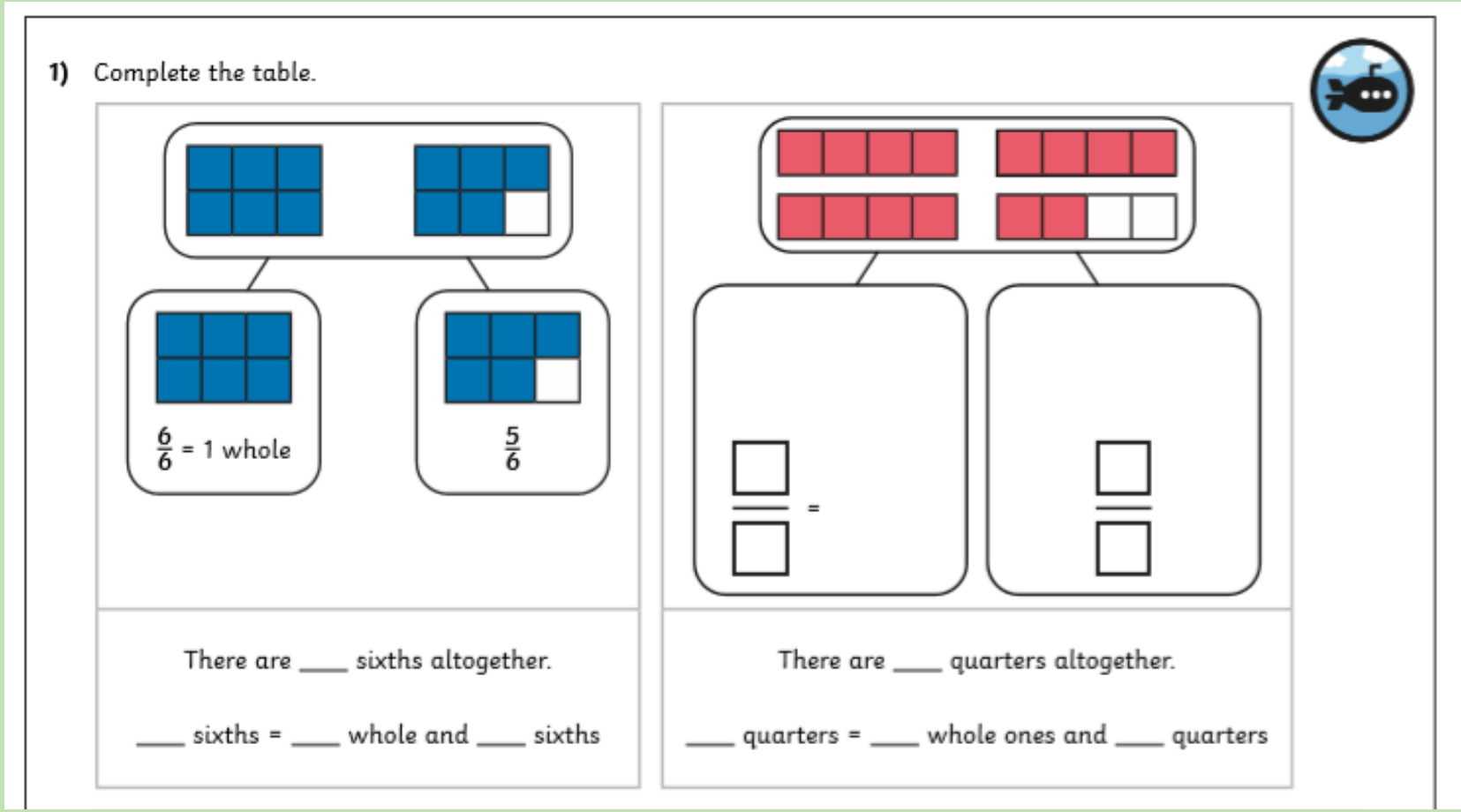
Thursday -Fractions greater than 1.

https://www.khanacademy.org/math/arithmetic/fraction-arithmetic/arith-review-fractions-intro/v/recognizing-fractions-greater-than-1-math-3rd-grade-khan-academy



Thursday -Fractions greater than 1.

You can copy and complete this table on a piece of paper or in your book.



1) Complete the table.

There are ___ sixths altogether.

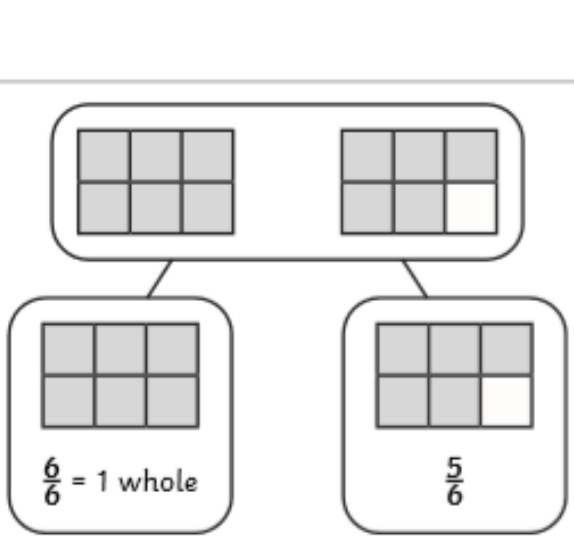
___ sixths = ___ whole and ___ sixths

There are ___ quarters altogether.

___ quarters = ___ whole ones and ___ quarters

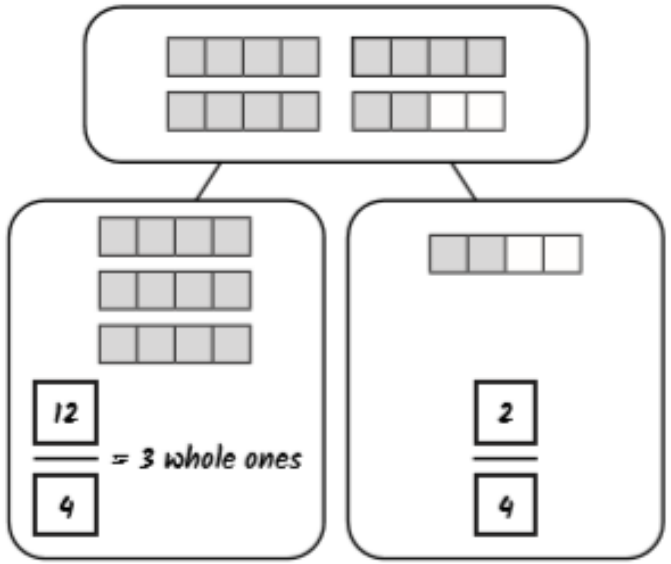
Thursday –Fractions greater than 1- the answers.

1)



There are **11** sixths altogether.

11 sixths = **1** whole and **5** sixths

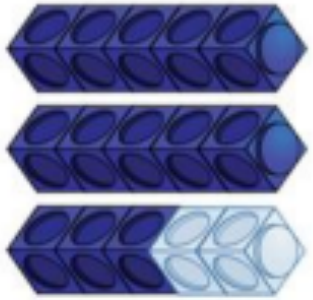


There are **14** quarters altogether.

14 quarters = **3** whole ones and **2** quarters

Thursday Challenge

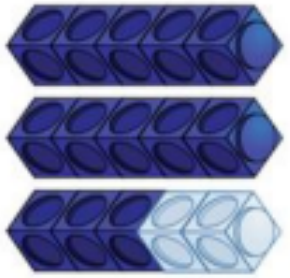
Spot the mistake.



$\frac{13}{5}$ = 10 wholes and 3 fifths

Thursday Challenge Answer

Spot the mistake.



$\frac{13}{5}$ = 10 wholes and 3 fifths

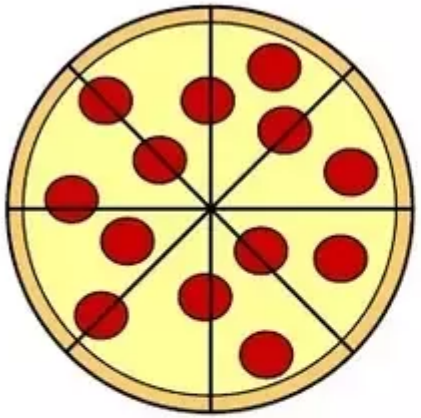
There are 2 wholes not 10

$\frac{10}{5}$ = 2 wholes

$\frac{13}{5}$ = 2 wholes and 3 fifths

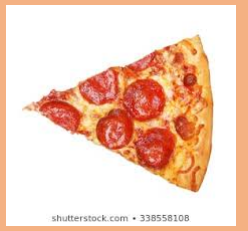
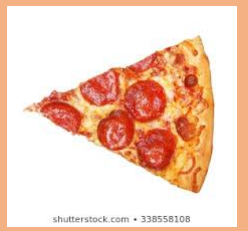
Friday Challenge

3 friends share some pizzas.
Each pizza is cut into 8 equal slices.
Altogether, they eat 25 slices.
How many whole pizzas do they eat?



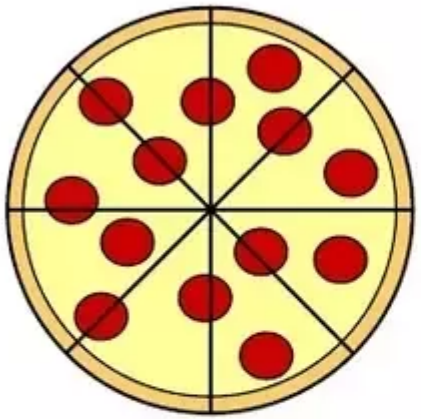
8 slice pizza pie



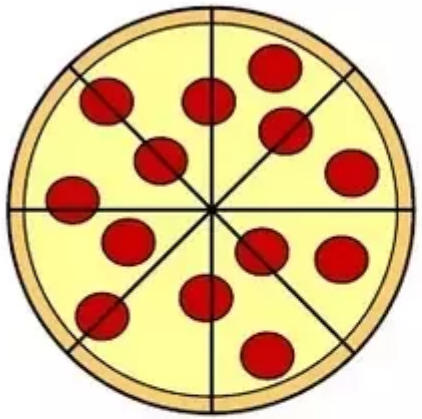




Friday Challenge Answer

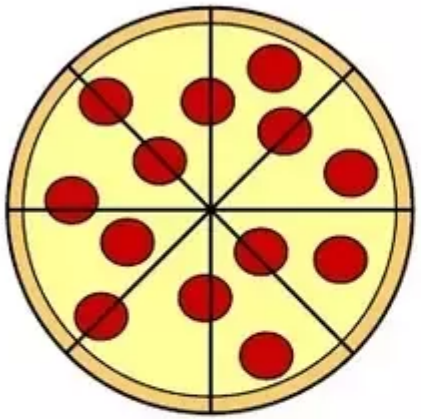
3 friends share some pizzas. Each pizza is cut into 8 equal slices. Altogether, they eat 25 slices. How many whole pizzas do they eat?	They eat 3 whole pizzas and 1 more slice.



8 slice pizza pie



8 slice pizza pie



8 slice pizza pie