



W.C. 18th May

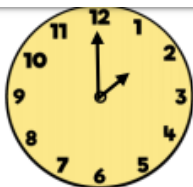
Use these worksheets to work from **and not on**. All you need is a piece of paper, pencil and a ruler.

After watching the videos and having a go at the practise activities on BBC Bitesize, have a go at these activities. Depending on your confidence choose Mild, Medium or Spicy.

Maths

Depper Learning – You may wish to deepen your learning by looking at time!

Time



Use the words to complete the sentences.

minute

hour

day

time

The shortest hand is the **hour** hand.

The longest hand is the **minute** hand.

Complete.

There are **60** minutes in an hour.

There are **15** minutes in a quarter of an hour.

There are **30** minutes in half an hour.

Monday

<https://www.bbc.co.uk/bitesize/tags/zmyxxyc/year-3-and-p4-lessons/1>

<https://whiterosemaths.com/homelearning/year-3/>

Part and whole fractions

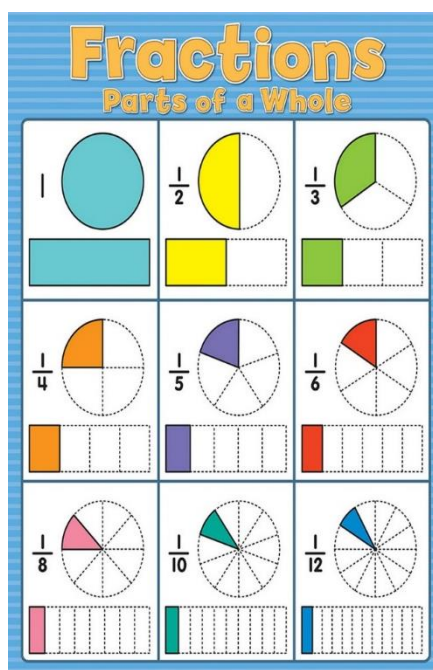
Example:

There are **4** equal parts.



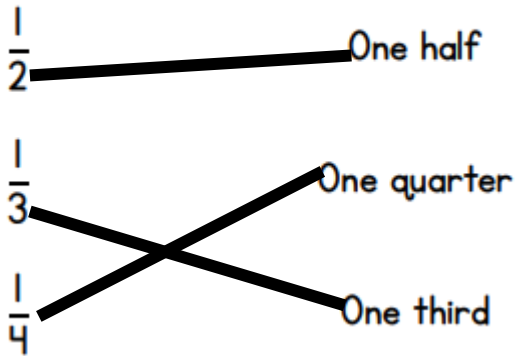
There is **1** part circled.

1/4 is circled.



Mild

Match the fractions with their names.



Complete the sentences to describe the apples.



$\frac{4}{7}$ of the apples are red.

$\frac{3}{7}$ of the apples are green.

$\frac{4}{7}$ and $\frac{3}{7}$ make one whole.



Here are some counters.



a) What fraction of the counters are yellow?

$\frac{3}{5}$

b) What fraction of the counters are red?

$\frac{2}{5}$

c) Complete the number sentence.

$\frac{3}{5}$

+

$\frac{2}{5}$

= $\frac{5}{5}$

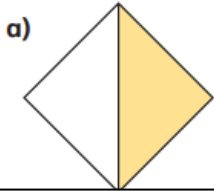
Medium

1 Complete the sentences for each shape.

There are equal parts.

There is part shaded.

is shaded.



A - There are 2 equal parts.
There is 1 part shaded.
 $\frac{1}{2}$ is shaded.

B - There are 3 equal parts.
There is 1 part shaded.
 $\frac{1}{3}$ is shaded.

2 Here is a tower of cubes.



a) What fraction of the tower is green?

$\frac{3}{4}$

b) What fraction of the tower is blue?

$\frac{1}{4}$

c) Complete the number sentence.

$\frac{3}{4} + \frac{1}{4} = \frac{4}{4}$

Spicy

What fraction of each shape is shaded?

Which fraction represents a whole?

Fill in the missing fractions.

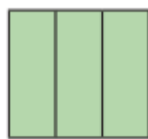
a)



$\frac{1}{3}$



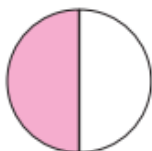
$\frac{2}{3}$



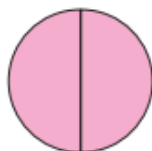
$\frac{3}{3}$

$\frac{3}{3}$ = one whole

b)



$\frac{1}{2}$



$\frac{2}{2}$

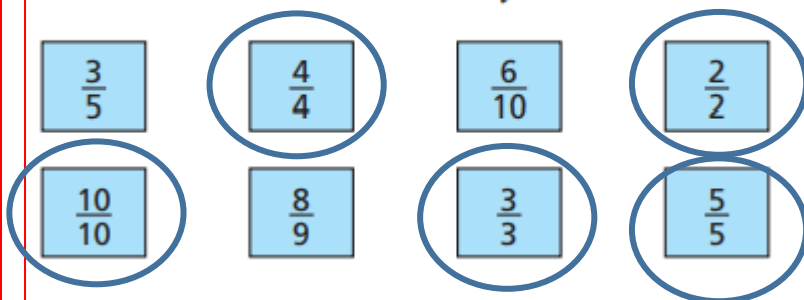
$\frac{2}{2}$ = one whole

Example:

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

$\frac{5}{5} = 1$ whole

Circle the fractions that are equivalent to one whole



Equivalent = the same

Extra spicy - can you think of anymore fractions that are equivalent to 1 whole?

6/6, 8/8, 7/7.....

Tuesday

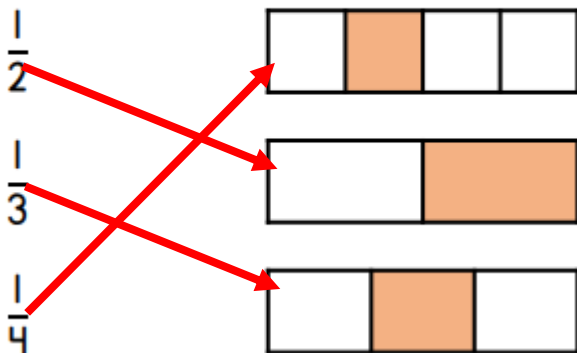
<https://www.bbc.co.uk/bitesize/tags/zmyxxyc/year-3-and-p4-lessons/1>

<https://whiterosemaths.com/homelearning/year-3/>

What fraction is shaded?

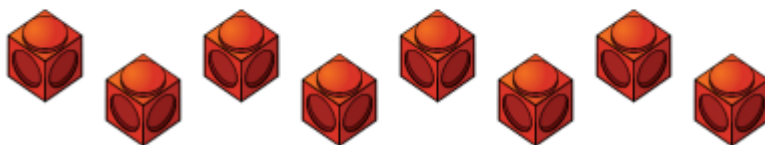
Mild

Match the fractions with the correct representations.



One has been done for you!

Here are some cubes.



Whitney takes $\frac{1}{2}$ of the cubes.

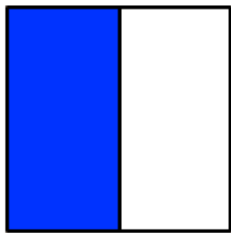
How many cubes does Whitney take?

1. Count how many cubes Whitney has altogether.

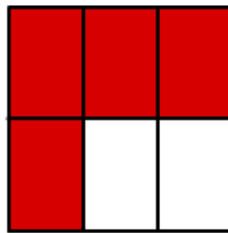
2. Halve that number.

4 cubes

What fraction does the colored part show?



$$\frac{1}{2}$$



$$\frac{4}{6}$$

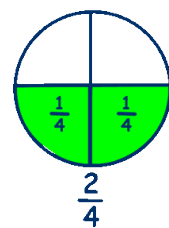
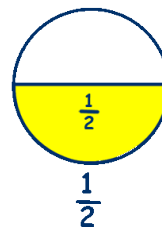
Medium

Dexter says,



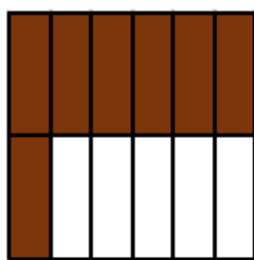
$\frac{1}{2}$ is the same as $\frac{2}{4}$

It is the same.



Do you agree?

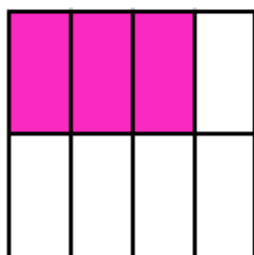
1. What fraction does the coloured part show?



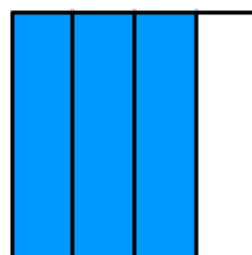
$$\frac{7}{12}$$



$$\frac{2}{4}$$



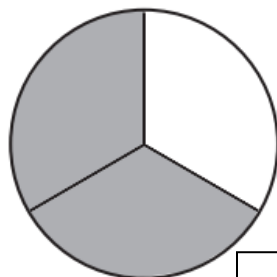
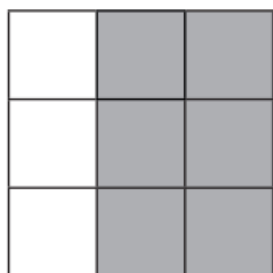
$$\frac{3}{8}$$



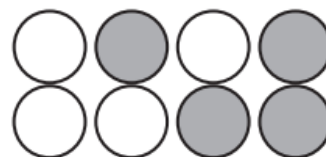
$$\frac{3}{4}$$

2. What fraction of these shapes is shaded?

$\frac{6}{9}$



$\frac{2}{3}$



$\frac{4}{8}$

Spicy

What fractions of the following shapes are shaded and not shaded.

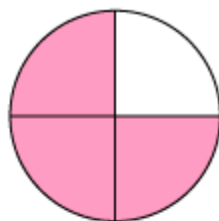


shaded

$\frac{2}{3}$

not shaded

$\frac{2}{3}$

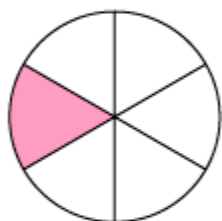


shaded

$\frac{3}{4}$

not shaded

$\frac{1}{4}$

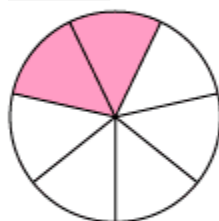


shaded

$\frac{1}{6}$

not shaded

$\frac{5}{6}$

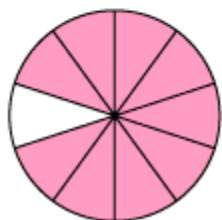


shaded

$\frac{2}{7}$

not shaded

$\frac{5}{7}$

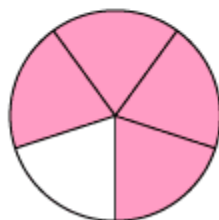


shaded

$\frac{9}{10}$

not shaded

$\frac{1}{10}$



shaded

$\frac{4}{5}$

not shaded

$\frac{1}{5}$

Here are some shapes.



What fraction of the shapes are triangles?

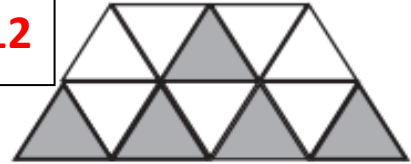
$\frac{5}{8}$

What fraction of the shapes are squares?

$\frac{3}{8}$

What fraction of this shape is shaded?

$\frac{5}{12}$



Wednesday

<https://www.bbc.co.uk/bitesize/tags/zmyxxyc/year-3-and-p4-lessons/1>

<https://whiterosemaths.com/homelearning/year-3/>

Unit and non-unit fractions

Unit means one whereas non-unit is any number apart from one.
For example, $\frac{1}{2}$ is a unit fraction and $\frac{3}{4}$ is a non-unit fraction.

Mild

Fill in the boxes to give a unit fraction and a non-unit fraction.

unit fraction $\frac{\boxed{1}}{5}$ non-unit fraction $\frac{\boxed{3}}{5}$

1. Which fractions are unit fractions and which fractions are non-unit fractions?

$\frac{1}{3}$

$\frac{3}{4}$

$\frac{1}{2}$

$\frac{1}{4}$

$\frac{2}{3}$

Unit fractions -

$\frac{1}{3}, \frac{1}{2}, \frac{1}{4}$

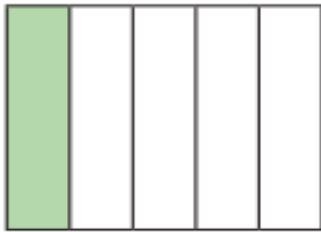
Non unit fractions -

$\frac{3}{4}, \frac{2}{3}$

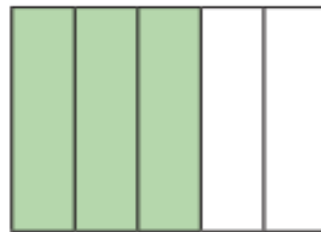
Unit fractions	Non-unit fractions

2. What fraction of each shape is shaded?

a)



$\frac{1}{5}$



$\frac{3}{5}$

Medium

Circle the unit fractions.

$\frac{1}{5}$

One eighth

$\frac{2}{5}$

$\frac{7}{8}$

$\frac{1}{6}$

Write fractions to complete the sentences.



$\frac{1}{3}$

of the counters are yellow.

$\frac{2}{3}$

of the counters are red.

Write fractions to complete the sentences.

$\frac{3}{6}$

of the tower is green.

$\frac{2}{6}$

of the tower is yellow.

$\frac{1}{6}$

of the tower is blue.



Spicy

- Which fractions are unit fractions and which fractions are non-unit fractions?

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

$$\frac{2}{3}$$

$$\frac{3}{4}$$

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

$$\frac{1}{8}$$

$$\frac{3}{5}$$

$$\frac{1}{4}$$

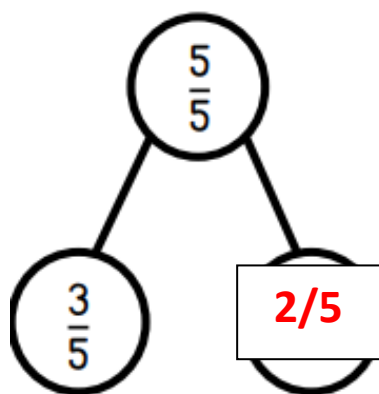
$$\frac{1}{99}$$

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

$$\frac{1}{250}$$

Unit fractions	Non-unit fractions
$\frac{1}{6}, \frac{1}{10}, \frac{1}{8}$	$\frac{2}{3}, \frac{3}{4}$
$\frac{1}{4}, \frac{1}{99}, \frac{1}{250}$	$\frac{3}{5}, \frac{6}{1}$

- Complete the part-whole model



3. Finish these sentences



Numerator
(number on the top)

$$\frac{3}{4}$$

Denominator
(number on the bottom)

An example of a unit fraction is

$\frac{1}{5}$

The numerator is always

1

An example of a non-unit fraction is

$\frac{2}{5}$

The numerator is always greater than

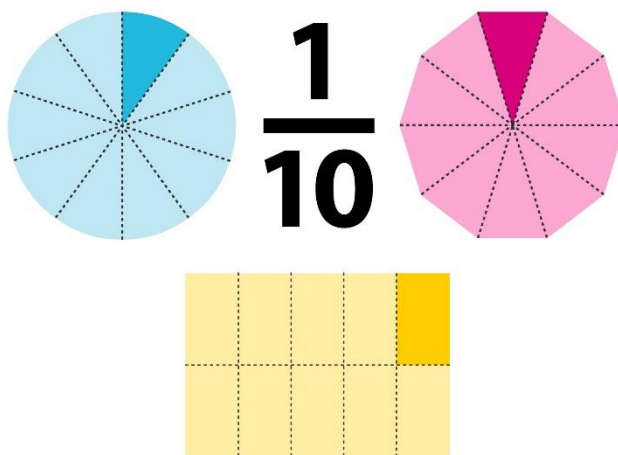
1

Thursday

<https://www.bbc.co.uk/bitesize/tags/zmyxxyc/year-3-and-p4-lessons/1>

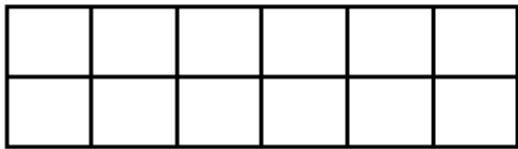
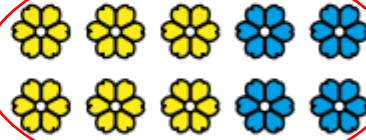
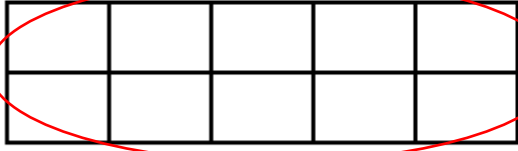
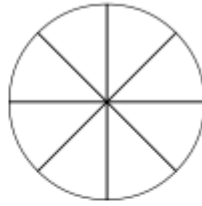
<https://whiterosemaths.com/homelearning/year-3/>

Fractions: Tenths



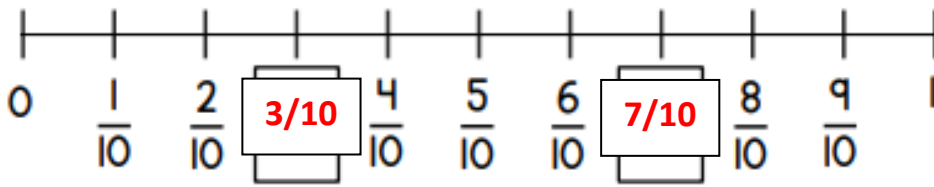
Mild

Tick the pictures that show tenths.



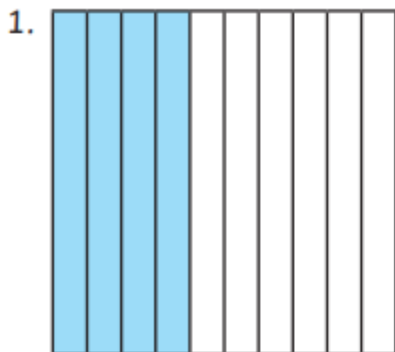
Which pictures have ten equal parts?

Complete the number line

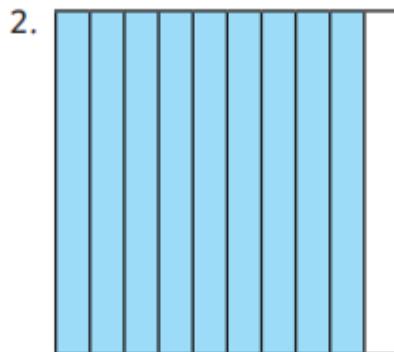


Medium

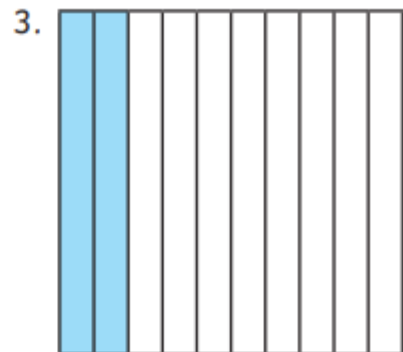
What fraction of these are shaded?



Fraction: $\frac{4}{10}$



Fraction: $\frac{9}{10}$



Fraction: $\frac{2}{10}$

Write fractions to complete the sentences.

The first one has
been done for you...



$\frac{3}{10}$ of the counters are yellow.

$\frac{6}{10}$ of the counters are red.

$\frac{1}{10}$ of the counters are green.

Spicy

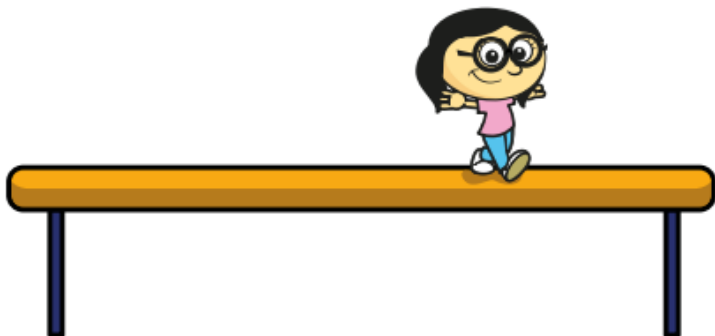
What fraction is each arrow pointing to?



$A = \frac{1}{10}$ $B = \frac{5}{10}$ $C = \frac{8}{10}$

Remember we are
focusing on
TENTHS

Annie has travelled $\frac{7}{10}$ of the way across a balance beam.



Use your number line
to help you. Think of
what we add to 7 to
make 10.

How many tenths does she have left to travel?

$\frac{3}{10}$

Friday

Times Table Rockstars

Have a go at your times tables on TTRockstars this week. Maybe you could battle with one of your friends? We can't wait to see how much your times tables have improved!



Quiz

Mild

11. $9 \times 5 =$ 45

12. Which are the odd numbers?
2 7 16 23

13. What symbol is missing?
 3×5 = 15

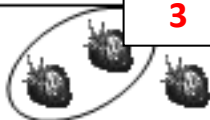
14. What symbol is missing?
14 $\div$ 7 = 2

15. Is this true? Write 'yes' or 'no'.
 $15 \div 3 = 3 \div 15$ NO

16. 4 flowers each have 7 petals. How many petals are there in total? 28

17. I have 18 eggs. If they come in boxes of 6, how many boxes do I have? 3

18. What fraction of the strawberries is circled?



2/3

Medium/Spicy

13. Make the largest number possible using the digits 6 4 8. 864

14. $28 \div 4 =$ 7

15. $8 \times 6 =$ 48

16. Circle 10 of the marbles.



17. What is $\frac{1}{4}$ of 12? 3

18. $\frac{1}{3} =$ 2/6

19. Add the fractions. $\frac{2}{9} + \frac{5}{9}$ 7/9

20. Write the smallest fraction. $\frac{1}{5}$ $\frac{1}{6}$ $\frac{1}{4}$ $\frac{1}{2}$

1/6