What fraction of each shape is shaded?

c) of the tower is blue.

## What is a fraction?

A fraction that has a 1 as its numerator is known as a unit fraction.
Circle the pictures below that show a unit fraction, then check your answers before moving on with today's work.


1 What fraction of each shape is shaded?
a)

c)

d)

b)

$\square$


Day 3 - 03.02.21

## Tenths

If an object is divided into ten then it has ten parts, each of which is called a tenth.


Here is an example
This rectangle has been divided into 10 parts Each part is $\frac{1}{10}$ (one tenth) Altogether there are $\frac{10}{10}$ (ten tenths) which is the same as a whole.Tick the pictures that show tenths.


B\% $888 \%$

-0000000000-

2 Write fractions to complete the sentences

a) $\frac{\square}{10}$ of the counters are yellow.
b)

c) $\square$ of the counters are green.

3
Complete the part-whole models.
a)

c)
b)


Remember $\frac{10}{10}=1$ whole
4) Annie has travelled $\frac{7}{10}$ of the way across a balance beam.


How many tenths does she have left to travel?


Day 4 - 04.02.21

## Count in tenths

I Continue/complete the sequence by drawing the correct number of circles in the grid and writing the fraction alongside.

2) Continue the sequence.

(3) Write the missing fractions in each sequence.
a)

b)

(4) What fraction is each arrow pointing to?



When fractions have different numbers in them but have the same value, they are called equivalent fractions.


For example from this picture you can see that $1 / 2$ takes up the same space in the circle as $2 / 4$.

They have the same value so are equivalent fractions. Remember the top number (numerator) shows the Shaded part and the bottom number (denominator) shows the total number of parts.


Shade the bar models to represent the fractions.
a) Shade $\frac{1}{2}$ of the bar model.

b) Shade $\frac{2}{4}$ of the bar model.


What do you notice?
(3) Shade the bar models to represent the equivalent fractions.
a)


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

b)


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


(1) Write fractions to complete the sentences.
a) $\frac{1}{3}$ of the counters are yellow.
b) $\frac{2}{3}$ of the counters are red.
2) Write fractions to complete the sentences.
a) $\frac{3}{6}$ of the tower is green.
b) $\frac{2}{6}$ of the tower is yellow.

d)


Tick the unit fraction in each pair of shapes.
How did you know which was the unit fraction?

## Day 2 answers


(I)

What fraction of each shape is shaded?
a)

c)

d)

b)


```
3
```



2
Shade each diagram to represent the fractions.
a)


b)

$\frac{5}{6}$
d)
Circle the unit fractions.
$\frac{1}{3}$
( $\frac{1}{5} \quad \frac{3}{5}$
$\frac{1}{8} \quad \frac{2}{3}$

How do you know which are unit fractions?

White
Rose Maths

TenthsTick the pictures that show tenths.


## B B B B B B B B B


-0000000000-Write fractions to complete the sentences.

a) $\square$ of the counters are yellow.
b) $\square$
c) of the counters are red.
$\square$ of the counters are green.

3
Complete the part-whole models.
a)

c)
b)



- White Rose Moths 2019

4
Annie has travelled $\frac{7}{10}$ of the way across a balance beam.


How many tenths does she have left to travel?

## Count in tenths

Continue the sequence|  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
|  |  | 10 |  |  |  |
|  |  |  |  |  |  |
| 10 |  |  |  |  |  |


| $\bigcirc$ | $\bigcirc$ | $\bigcirc$ |  |  |
| :--- | :--- | :--- | :--- | :--- |
| $\bigcirc$ | 0 | $\bigcirc$ |  |  | | 6 |
| :---: |
| 10 |


|  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- |


| $\bigcirc$ | $O$ | $\bigcirc$ |  |  |
| :--- | :--- | :--- | :--- | :--- |
| $\bigcirc$ | 0 |  |  |  | | 5 |
| :---: |
| 10 |


|  |  |  | 0 |  |
| :--- | :--- | :--- | :--- | :--- |
|  | 8  <br> 10  <br>   |  |  |  |


| 0 | $\bigcirc$ |  |  |  |
| :--- | :--- | :--- | :--- | :--- |
| 0 | $\bigcirc$ |  |  |  |
| 10 |  |  |  |  |


| $\bigcirc$ | 0 | $\bigcirc$ | $\bigcirc$ |  |
| :--- | :--- | :--- | :--- | :--- |
| 0 | 0 | 0 |  |  |$\quad$| 7 |
| :--- |
| 10 |


| $O$ | $O$ |  |  |  |
| :--- | :--- | :--- | :--- | :--- |
| $O$ |  |  |  |  |

2) Continue the sequence

4

3 Write the missing fractions in each sequence.
a)

$$
\frac{5}{10}
$$


4)

What fraction is each arrow pointing to?



a) Shade $\frac{1}{2}$ of the bar model.

b) Shade $\frac{2}{4}$ of the bar model.


What do you notice?Complete the equivalent fractions.
a)

b)


Shade the bar models to represent the equivalent fractions.

b) $\square$

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

