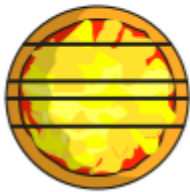


Orange Group - Fractions

Answers

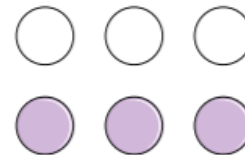
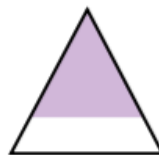
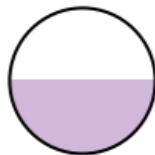
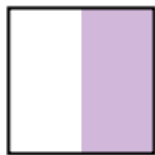
Task 1

Tick the pizza that has been split into equal parts.

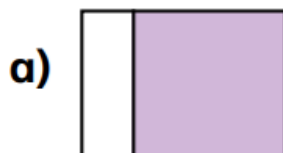


Task 2

2 Tick the diagrams that have one half shaded.



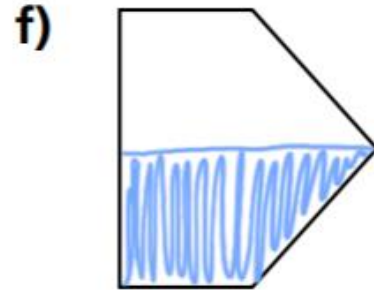
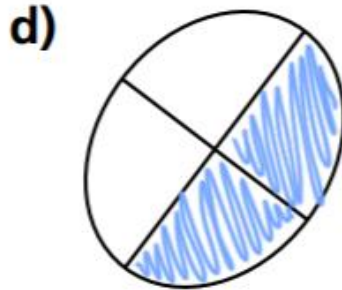
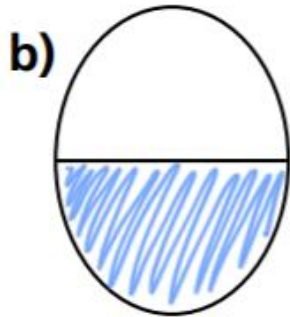
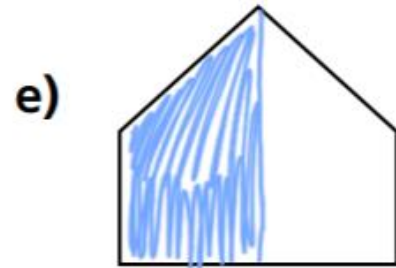
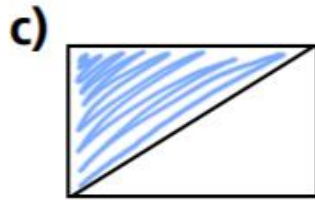
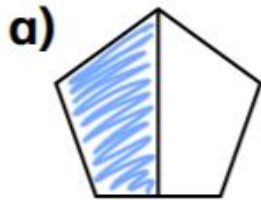
3 Is $\frac{1}{2}$ of each shape shaded? How do you know?



- a) No – parts are not equal
- b) No – there are three parts, not 2

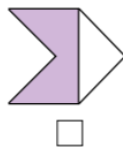
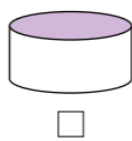
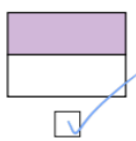
Task 3

Colour $\frac{1}{2}$ of each shape.

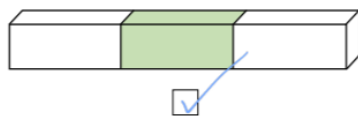
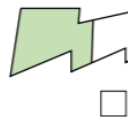


Task 4

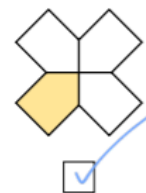
Tick the shape that has $\frac{1}{2}$ shaded.



Tick the shape that has $\frac{1}{3}$ shaded.



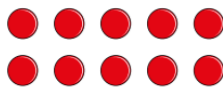
Tick the shapes that have $\frac{1}{4}$ shaded.




Task 5

Find $\frac{1}{2}$ of each number.

Use the arrays to help you.

a)  $\frac{1}{2}$ of 10 =

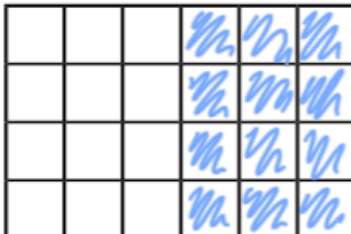
b)  $\frac{1}{2}$ of 16 =

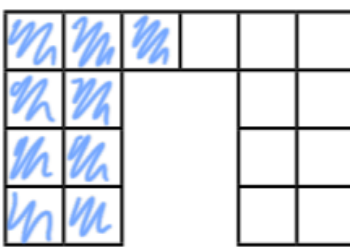
c)  $\frac{1}{2}$ of 20 =

Task 6

Colour $\frac{1}{2}$ of each shape.

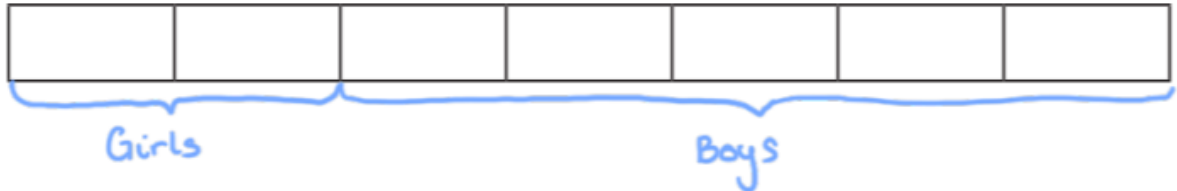
Use the shapes to help you complete the number sentences.

a)  $\frac{1}{2}$ of =

b)  $\frac{1}{2}$ of =

Task 7

$\frac{2}{7}$ of a group of children are girls.



What fraction are boys?

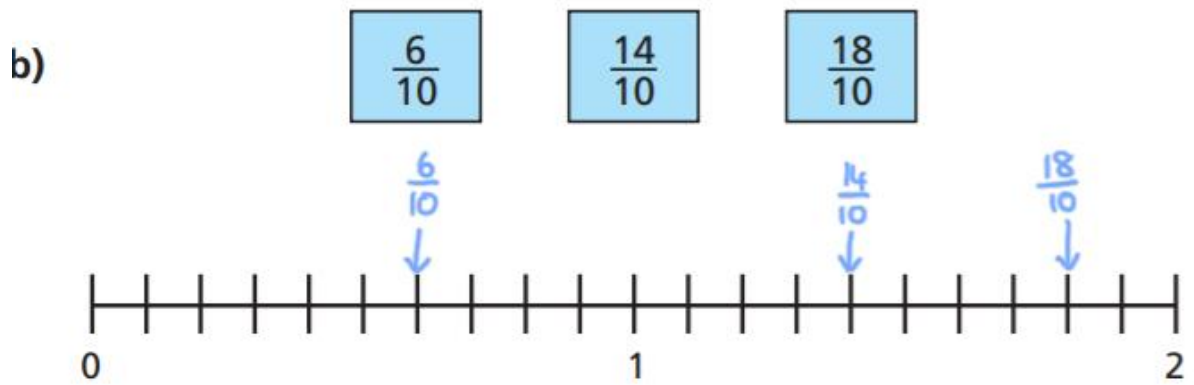
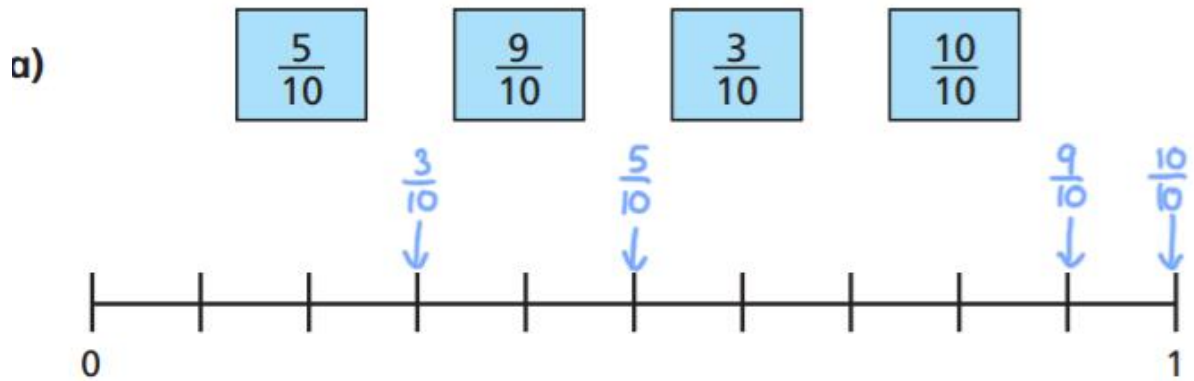
$\frac{5}{7}$ are boys.

Task 8

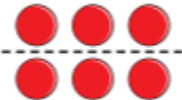

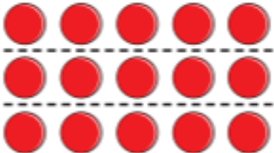
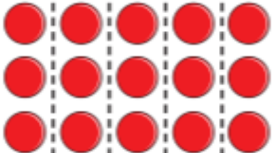
$$A = \frac{1}{10} \quad B = \frac{5}{10} \quad C = \frac{8}{10}$$

Task 9

Write the fractions in the correct places on the number lines.

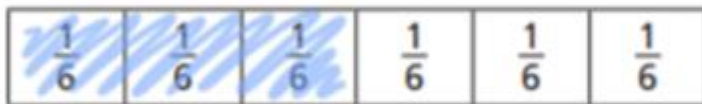


Task 10

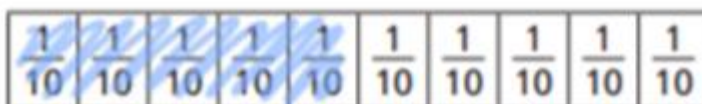
Fraction	Division	Example	Drawing
one half	divide by 2	$\frac{1}{2}$ of 6 = 3	
one quarter	divide by 4	$\frac{1}{4}$ of 8 = 2	
one third	divide by 3	$\frac{1}{3}$ of 15 = 5	
one fifth	divide by 5	$\frac{1}{5}$ of 15 = 3	

Task II

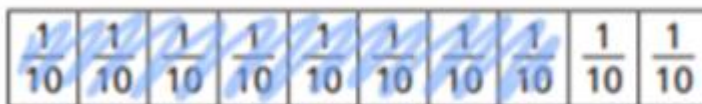
Shade the bar models to represent the equivalent fractions.



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



$$\frac{1}{2} = \frac{5}{10}$$



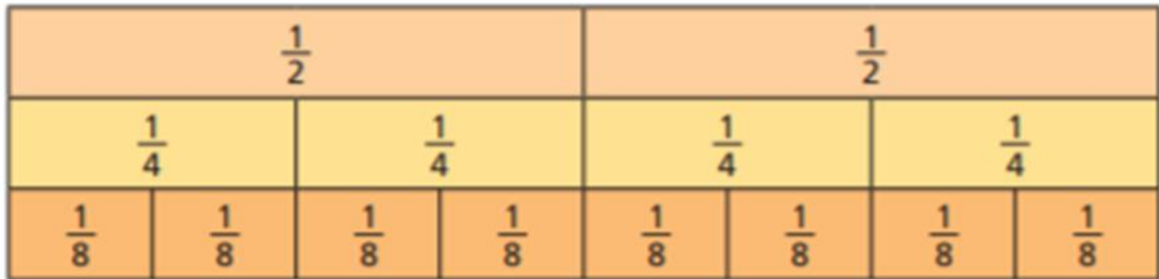
$$\frac{4}{5} = \frac{8}{10}$$



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

Task 12

Use the fraction wall to complete the equivalent fractions.



a) $\frac{1}{2} = \frac{\boxed{2}}{4}$

c) $\frac{2}{4} = \frac{4}{\boxed{8}}$

e) $\frac{\boxed{6}}{8} = \frac{3}{4}$

b) $\frac{1}{2} = \frac{\boxed{4}}{8}$

d) $\frac{2}{8} = \frac{\boxed{1}}{4}$

f) $\frac{2}{2} = \frac{\boxed{4}}{4} = \frac{\boxed{8}}{8}$