

Year 5 Maths - Fractions, Week Beginning 11th January
- Orange Group

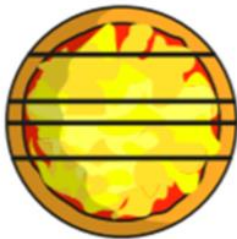
These tasks are to go alongside the zoom maths lesson. A copy of the teaching slides are also available on the website.

Wednesday

These are the questions you should be completing during our fractions work this week. There is a separate answers sheet which you can use to mark your work.

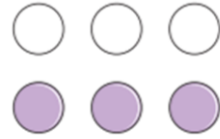
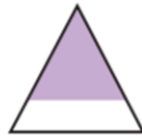
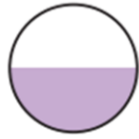
Task 1

Which pizza has been split into equal parts?

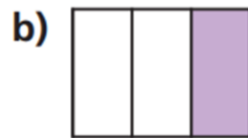
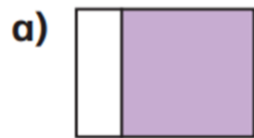


Task 2

Which diagrams have one half shaded?

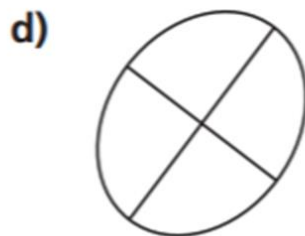
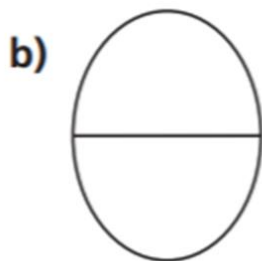
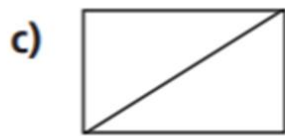


Is $\frac{1}{2}$ of each shape shaded? How do you know? (



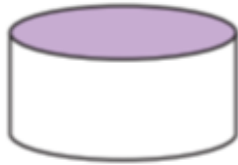
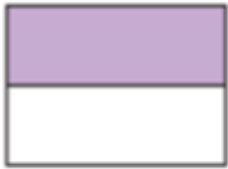
Task 3

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

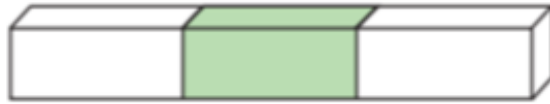


Task 4

Which shape has $\frac{1}{2}$ shaded?



Which shape has $\frac{1}{3}$ shaded?



Which shapes have $\frac{1}{4}$ shaded?



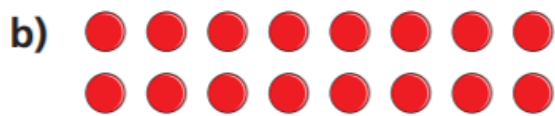
Task 5

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

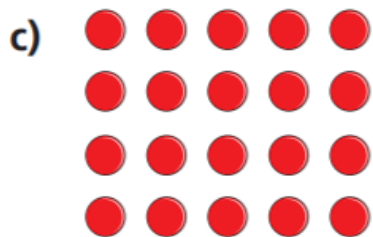
Use the arrays to help you.



$$\frac{1}{2} \text{ of } 10 = \square$$



$$\frac{1}{2} \text{ of } 16 = \square$$



$$\frac{1}{2} \text{ of } 20 = \square$$

Stop here for Day 1

Year 5 Maths - Fractions, Week Beginning 11th January
- Orange Group

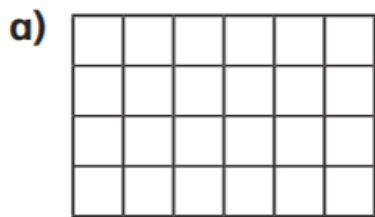
These tasks are to go alongside the zoom maths lesson. A copy of the teaching slides are also available on the website.

Thursday

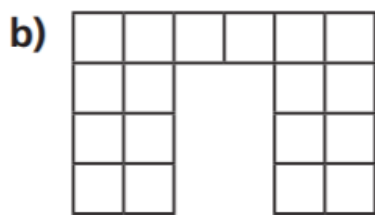
Task 6

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

Use the shapes to help you complete the number sentences.



$$\frac{1}{2} \text{ of } \square = \square$$



$$\frac{1}{2} \text{ of } \square = \square$$

Task 7

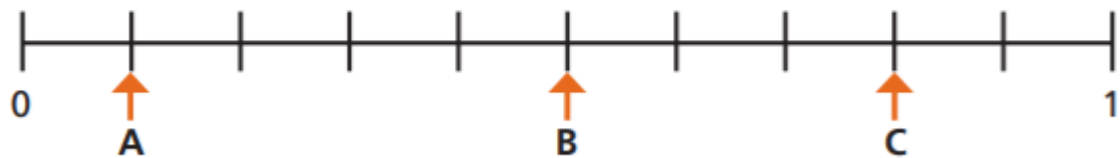
$\frac{2}{7}$ of a group of children are girls.



What fraction are boys?

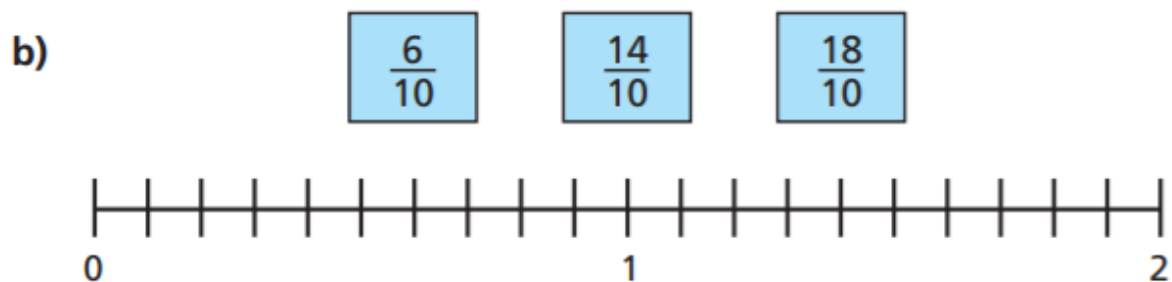
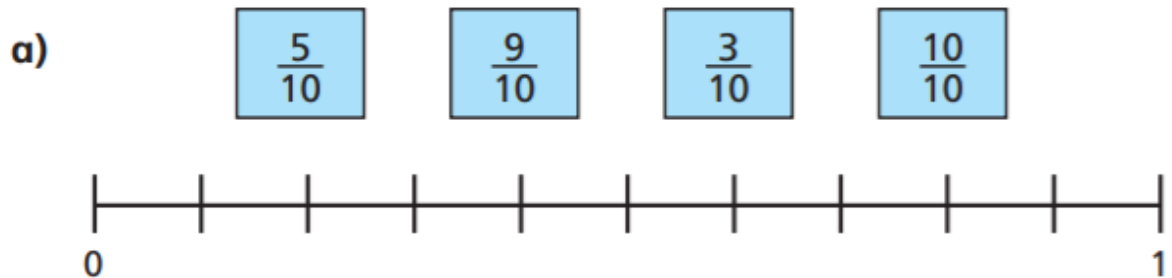
Task 8

What fraction is each arrow pointing to?



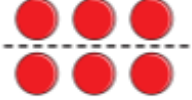
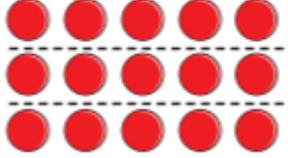
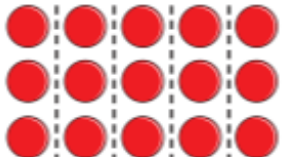
Task 9

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



Task 10

Complete the table.

| Fraction | Division | Example | Drawing |
|-------------|-------------|------------------------|---|
| one half | divide by 2 | $\frac{1}{2}$ of 6 = 3 |  |
| one quarter | | $\frac{1}{4}$ of 8 = 2 | |
| | | |  |
| | | |  |

Task II

Shade the bar models to represent the equivalent fractions.

a)



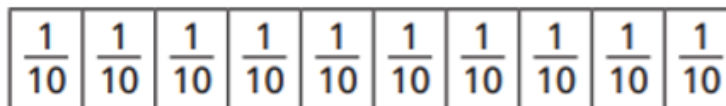
$$\frac{1}{2} = \frac{3}{6}$$



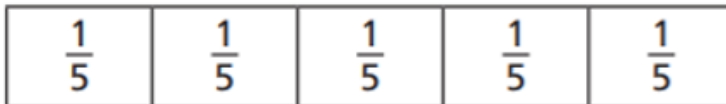
b)



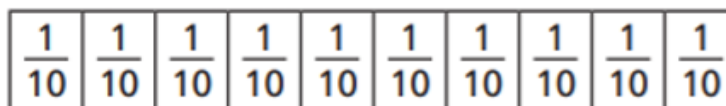
$$\frac{1}{2} = \frac{5}{10}$$



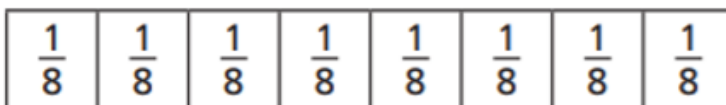
c)



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



d)



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



Task 12

Use the fraction wall to complete the equivalent fractions.

| | | | | | | | |
|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| $\frac{1}{2}$ | | | | $\frac{1}{2}$ | | | |
| $\frac{1}{4}$ | | $\frac{1}{4}$ | | $\frac{1}{4}$ | | $\frac{1}{4}$ | |
| $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ |

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

c) $\frac{2}{4} = \frac{4}{\square}$

e) $\frac{\square}{8} = \frac{3}{4}$

b) $\frac{1}{2} = \frac{\square}{8}$

d) $\frac{2}{8} = \frac{\square}{4}$

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