

Key Stage 2

Equivalent Fractions,
Decimals and
Percentages (Basics)

First name						
Middle name						
Last name						
Date of birth	Day		Month		Year	
School name						
DFE number						

1

Draw four lines to join each fraction to its decimal equivalent.

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

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

$$\frac{1}{5}$$

$$\frac{2}{5}$$

0.4

0.2

0.5

2.5

0.25

1.4

2 marks

Draw four lines to join each fraction to its decimal equivalent.

$$\frac{3}{15}$$

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

$$\frac{6}{100}$$

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

0.06

0.4

0.6

0.2

0.25

3.5

2 marks

3Fill in the boxes to show the equivalent **decimals**.

$$\frac{1}{10} = \boxed{0.\underline{\quad}}$$

$$\frac{1}{4} = \boxed{0.\underline{\quad}}$$

$$\frac{1}{5} = \boxed{0.\underline{\quad}}$$

$$\frac{3}{4} = \boxed{0.\underline{\quad}}$$

4 marks

4Fill in the boxes to show the equivalent **percentages**.

$$\frac{1}{10} = \boxed{}\%$$

$$\frac{1}{5} = \boxed{}\%$$

$$\frac{1}{20} = \boxed{}\%$$

$$\frac{1}{100} = \boxed{}\%$$

4 marks

5

Fill in the boxes to show the equivalent amounts.

$$\frac{1}{10} = \boxed{0.\underline{\quad}}$$

$$\frac{1}{4} = \boxed{\underline{\quad} \%}$$

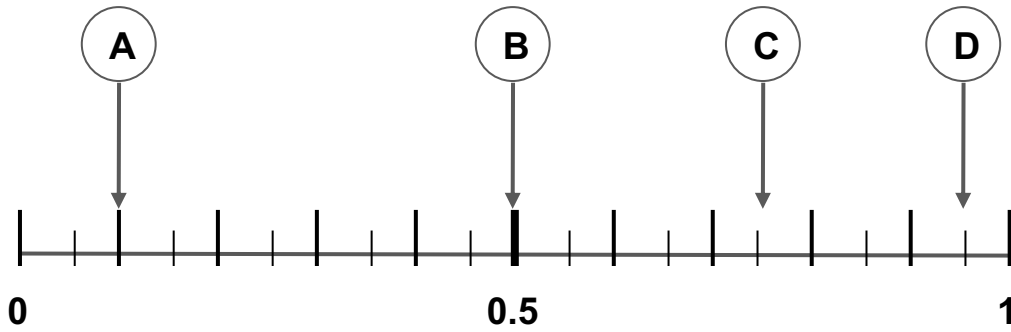
$$0.2 = \frac{1}{\boxed{\quad}}$$

$$75 \% = \frac{3}{\boxed{\quad}}$$

4 marks

6

The number line shows numbers between zero and 1.



Write the **fraction** shown by each letter, and then simplify it to its lowest terms.

The first one has been done for you.

$$\text{A} = \frac{\boxed{10}}{100} = \frac{\boxed{1}}{\boxed{10}}$$

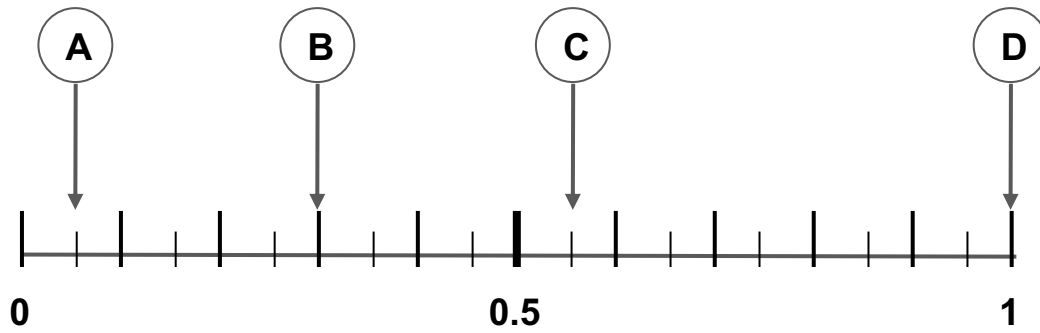
$$\text{B} = \frac{\boxed{}}{100} = \frac{\boxed{}}{\boxed{}}$$

$$\text{C} = \frac{\boxed{}}{100} = \frac{\boxed{}}{\boxed{}}$$

$$\text{D} = \frac{\boxed{}}{100} = \frac{\boxed{}}{\boxed{}}$$

7

The number line shows numbers between zero and 1.



Write the **percentage** shown by each letter:

$$\text{A} = \boxed{} \%$$

$$\text{B} = \boxed{} \%$$

$$\text{C} = \boxed{} \%$$

$$\text{D} = \boxed{} \%$$

4 marks

Thank you for downloading this paper. I hope your Year 6 classes will find it a really useful revision aid. Please check out my new website ks2sats.co.uk for lots more FREE papers on topics such as

- **Decimals**
- **Percentages**
- **Multiplication and division**
- **Angles**
- **Word problems**
- **Ratio and proportion**
- **Transformations**
- **Money**
- **Mass**
- **Length**
- **Area and perimeter**, and more.

The website also has ***videos of me working through each paper***, so that once pupils have completed the paper they can get help with any questions that they got wrong, and watch a worked-example of how to solve it correctly!

I'd love to have your feedback, so if you have any requests for papers or questions, just let me know.

Thanks - Andrew Jeffrey



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