

- 1) Complete the table showing the correct equivalences between these fraction, decimal and percentage representations. Show each fraction in its simplest form.

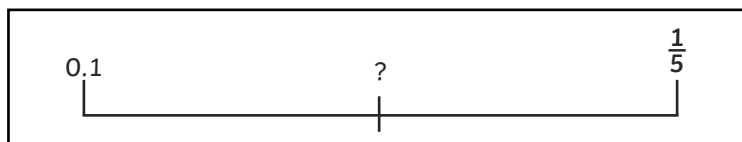


Fraction in Its Simplest Form	Decimal	Percentage

- 2) Four long-distance runners worked as a team to complete a long-distance race. First, runner A completed 0.3 of the distance. Then, runner B completed 35% of the distance. Next, runner C completed $\frac{2}{8}$ of the distance. How much of the race was left for runner D to complete? Give your answer as a fraction in its simplest form.



- 1) Owen and Keeva have been asked to give the missing value of the mid-point on this number line as either a fraction, decimal or percentage.



I think the missing value must be 25%.



I think the missing value is $\frac{1}{8}$.

Is either child correct? How do you know?

- 2) Are the following statements true or false? Explain your reasoning.

a) $\frac{1}{4} = 40\%$

b) $\frac{4}{5}$, $\frac{16}{20}$, 0.08 and $\frac{40}{50}$ are all equivalent to 80%.

c) 0.3 is halfway between $\frac{5}{20}$ and 35%.



1) Combine a numerator and denominator in order to make a fraction equivalent to the percentages and decimals that are shown below.

Numerator						Denominator					
10	1	3	12	16	4	25	8	1000	5	20	50

a) 48% $\frac{\quad}{\quad}$

b) 1% $\frac{\quad}{\quad}$

c) 0.15 $\frac{\quad}{\quad}$

d) 0.8 $\frac{\quad}{\quad}$

e) 40% $\frac{\quad}{\quad}$

f) 20% $\frac{\quad}{\quad}$

g) 0.16 $\frac{\quad}{\quad}$

h) 12% $\frac{\quad}{\quad}$

2) Using the same numerator and denominator cards, make as many different fractions as you can which fulfil the criteria in the table below. Do not include any of the fractions you have used in the first question.

A Value between and Including:		
1% and 25%	0.3 and 0.5	60% and 80%