

L.C Can I convert fractions to decimals?

Remember to

$$\frac{7}{20} = \frac{\square}{100}$$

$\times 5$

 $\times 5$

$$= \frac{35}{100} = 0.35$$

- 1) Give the equivalent for each decimal or fraction that is shown or represented in the table.
For each, show the method you used to work out the equivalent.



Fraction	Method Used Finding an equivalent fraction where the denominator is 10 or 100 makes it easier to convert from a fraction to a decimal.	Decimal
$\frac{13}{20}$	$\frac{13 \times 5}{20 \times 5} = \frac{65}{100} =$	
$\frac{3}{20}$		0.15
$\frac{4}{25}$		
$\frac{3}{5}$		
$\frac{3}{4}$		
$\frac{\quad}{50}$		

- 2) Using your answers to the questions above, give:
- the decimal which is closest to $\frac{1}{4}$
 - the decimals which are equal to and between $\frac{3}{5}$ and $\frac{4}{5}$
 - the decimal which is closest to $\frac{1}{8}$
 - two decimals which add together to make $\frac{3}{4}$