



Use a calculator or your knowledge of division and multiplication to complete this table.

Percentage	Decimal
37%	
37.4%	
3%	
3.5%	
	0.46
	0.416
	0.406
	0.046

4	You can convert a fraction to a decimal by dividing the numerator by the denominator.							
	For example, $\frac{11}{20} = 11 \div 20 = 0.55$							
	Convert these fractions to decimals.							
	α) $\frac{19}{40}$	b) $\frac{27}{200}$	c) $\frac{51}{80}$					
5	Convert these percer	ntages to fractions, s	implifying your answers					
	The first one has been done for you.							
	a) $30\% = \frac{30}{100} = \frac{10}{100}$]	d) 42% =					
	b) 45% = $\frac{100}{100} = \frac{100}{2}$	<u></u>	e) 71% =					







Use a calculator or your knowledge of division and multiplication to complete this table.

Percentage	Decimal
37%	
37.4%	
3%	
3.5%	
	0.46
	0.416
	0.406
	0.046

You can convert a fraction to a decimal by dividing the numerator by the denominator.

For example, $\frac{11}{20} = 11 \div 20 = 0.55$

Convert these fractions to decimals.

a) $\frac{19}{40}$ b) $\frac{27}{200}$

- **c)** <u>51</u> 80
- Convert these percentages to fractions, simplifying your answers if possible.

The first one has been done for you.

a) $30\% = \frac{30}{100} = \frac{10}{10}$





f) 92% =

- Use a calculator to convert these fractions to decimals.
 - a) Copy the full display from your calculator screen.

1	2	3	4	5	6	7
7	7	7	7	7	7	7

- b) Some of the decimals in part a) are known as recurring decimals.Which ones do you think are called this? Why?
- c) Work with a partner to find more fractions that are recurring decimals.



Give your answers as fractions, decimals and percentages.

b)
$$\frac{1}{5}$$
, 0.25, 30%, ____, ___, ____

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