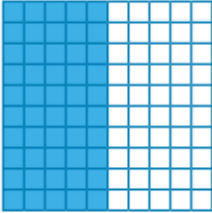
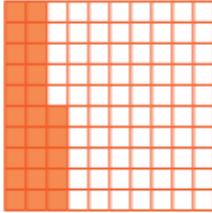
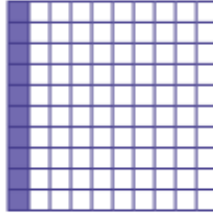
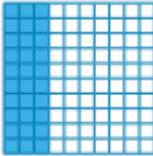
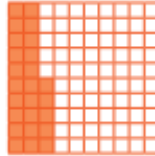
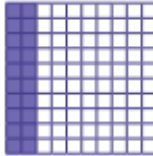
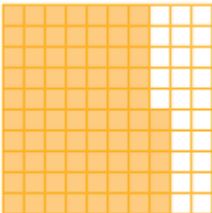
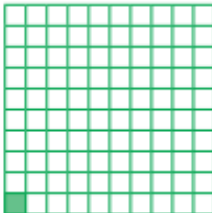
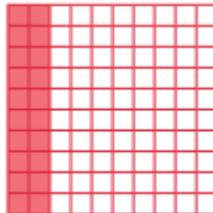
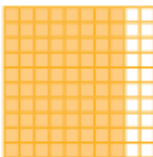
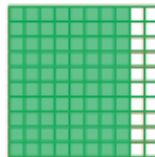




Year 6 Percentages Knowledge Organiser.

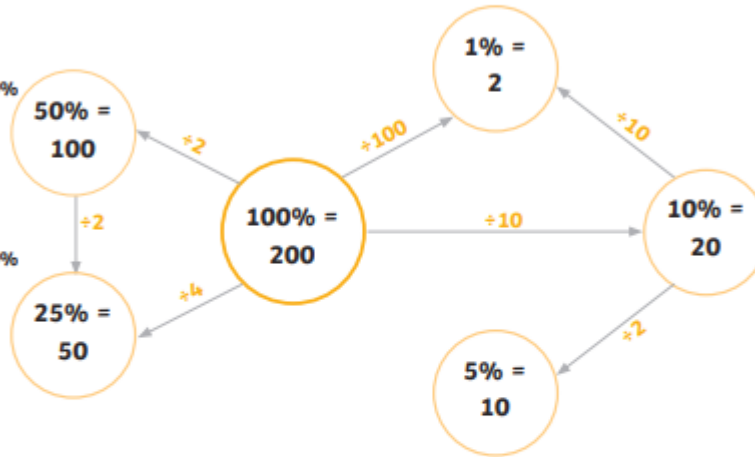
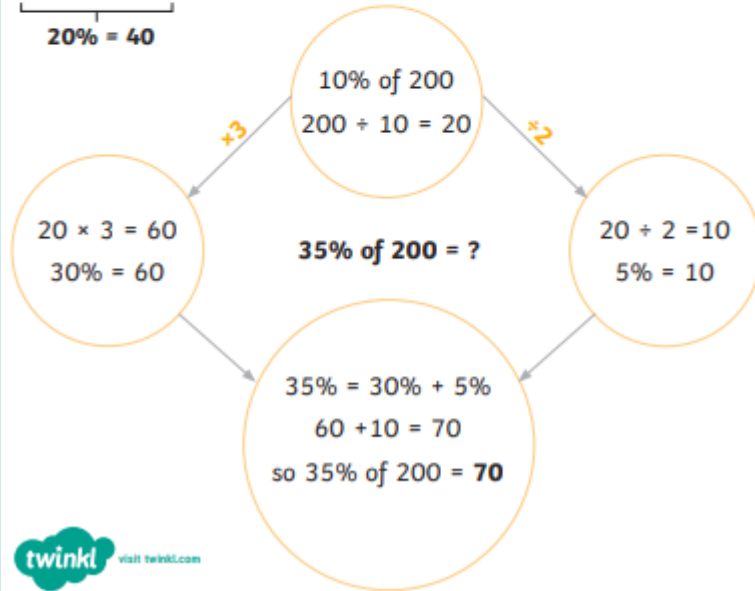
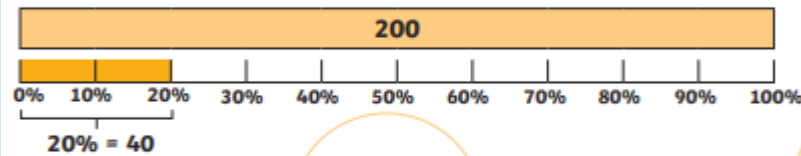
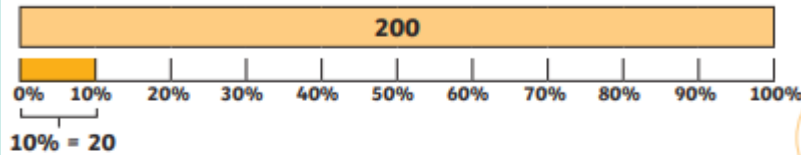
Percentages		Knowledge Organiser		
Key Vocabulary	Equivalent Fractions, Decimals and Percentages			Order Fractions, Decimals and Percentages
per cent (%) = 'out of 100'				$\frac{3}{10} > 25\% > 0.2$
percentage				
discount	$\frac{50}{100} = \frac{1}{2} = 0.5 = 50\%$	$\frac{25}{100} = \frac{1}{4} = 0.25 = 25\%$	$\frac{10}{100} = \frac{1}{10} = 0.1 = 10\%$	
equivalent fraction				
equivalent decimal				$80\% = 0.8 = \frac{4}{5}$
convert	$\frac{75}{100} = \frac{3}{4} = 0.75 = 75\%$	$\frac{1}{100} = 0.01 = 1\%$	$\frac{20}{100} = \frac{2}{10} = 0.2 = 20\%$	
compare				
order	Fractions to Percentages			
the whole	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> $\frac{15}{50} \xrightarrow{\times 2} \frac{30}{100} = 0.3 = 30\%$ </div> <div style="text-align: center;"> $\frac{60}{200} \xrightarrow{\div 2} \frac{30}{100} = 0.3 = 30\%$ </div> </div>			$\frac{80}{100} = 80\%$
				$\frac{80}{100} = 80\%$

Percentages

Knowledge Organiser

Finding a Percentage of an Amount

$50\% = \frac{1}{2}$ so we can divide by 2	$10\% = \frac{1}{10}$ so we can divide by 10	$25\% = \frac{1}{4}$ so we can divide by 4	$1\% = \frac{1}{100}$ so we can divide by 100
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Percentages – Missing Values

Whole value (100%) of bar model = ?

A bar model with a total length of 150. The first 15 units are shaded red. Below the bar, a bracket indicates that 10% of the total is 15.

$10\% = 15$

We know $10\% = 15$ $10\% \times 10 = 100\%$ (the whole) so $15 \times 10 = 150$