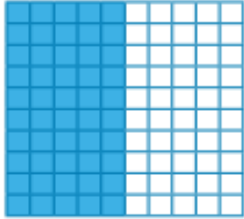
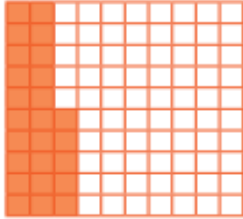
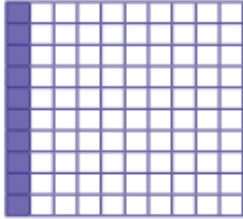
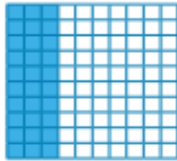
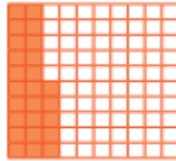
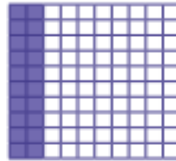
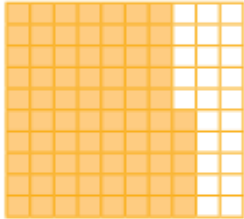
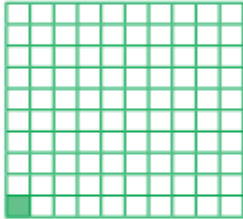
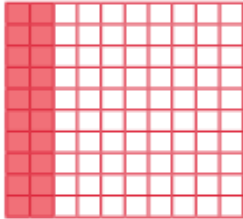
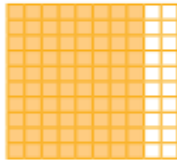
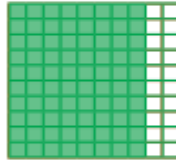
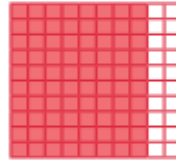
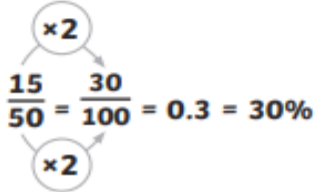
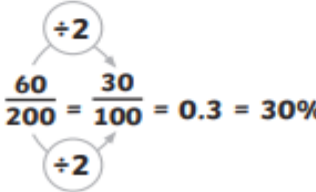


Percentages		Knowledge Organiser		
Key Vocabulary	Equivalent Fractions, Decimals and Percentages			Order Fractions, Decimals and Percentages
per cent (%) = 'out of 100'				$\frac{3}{10} > 25\% > 0.2$
percentage				  
discount	$\frac{50}{100} = \frac{1}{2} = 0.5 = 50\%$	$\frac{25}{100} = \frac{1}{4} = 0.25 = 25\%$	$\frac{10}{100} = \frac{1}{10} = 0.1 = 10\%$	$\frac{30}{100} = 30\%$ $\frac{25}{100} = 25\%$ $\frac{20}{100} = 20\%$
equivalent fraction				$80\% = 0.8 = \frac{4}{5}$
equivalent decimal				  
convert	$\frac{75}{100} = \frac{3}{4} = 0.75 = 75\%$	$\frac{1}{100} = 0.01 = 1\%$	$\frac{20}{100} = \frac{2}{10} = 0.2 = 20\%$	$\frac{80}{100} = 80\%$ $\frac{80}{100} = 80\%$ $\frac{80}{100} = 80\%$
compare	Fractions to Percentages			
order	 			
the whole				
Year 6				

Percentages

Knowledge Organiser

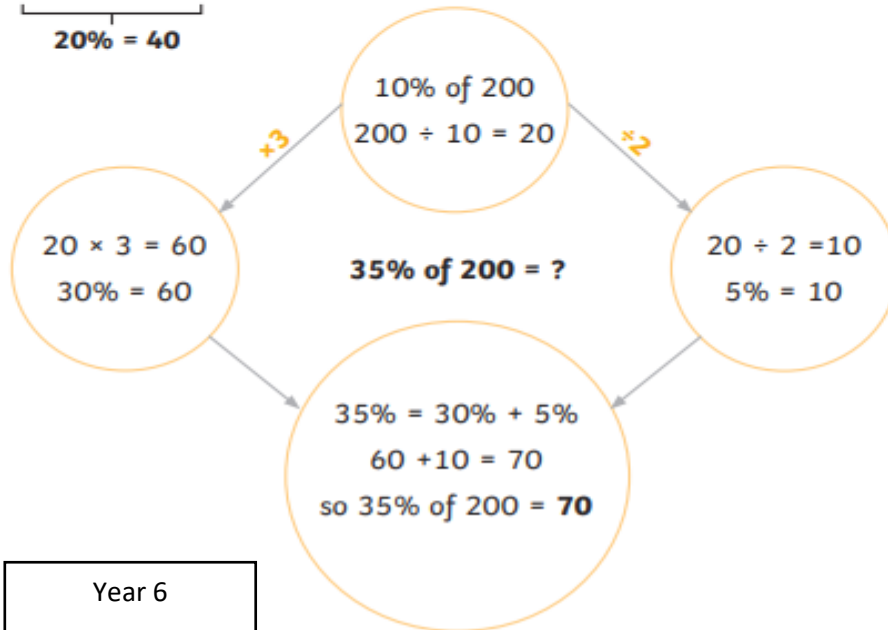
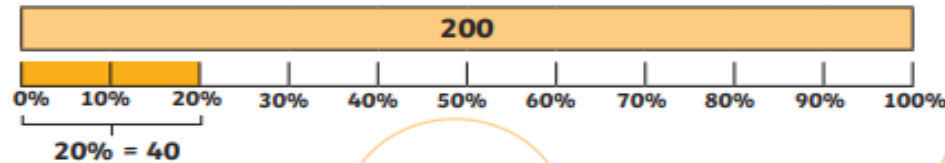
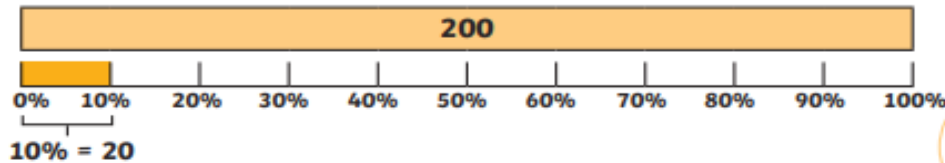
Finding a Percentage of an Amount

$$50\% = \frac{1}{2} \text{ so we can divide by 2}$$

$$10\% = \frac{1}{10} \text{ so we can divide by 10}$$

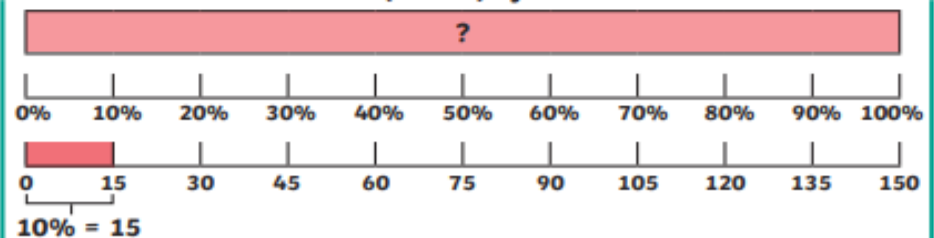
$$25\% = \frac{1}{4} \text{ so we can divide by 4}$$

$$1\% = \frac{1}{100} \text{ so we can divide by 100}$$



Percentages – Missing Values

Whole value (100%) of bar model = ?



We know 10% = 15 10% × 10 = 100% (the whole) so 15 × 10 = 150