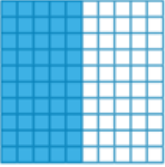
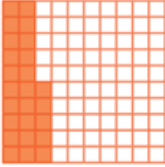
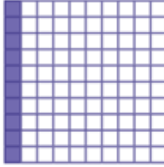
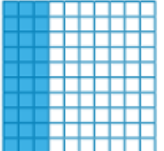
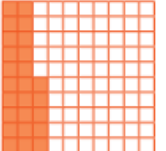
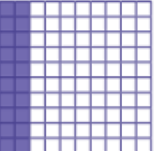
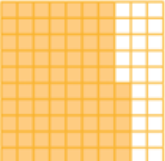
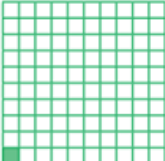
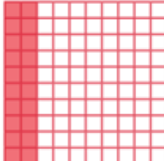
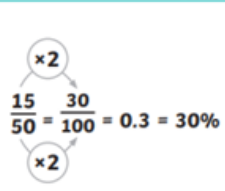
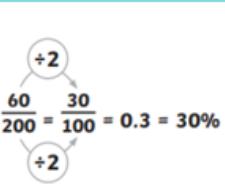
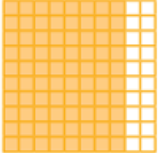






Year 6 Fractions, Decimals and Percentages

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

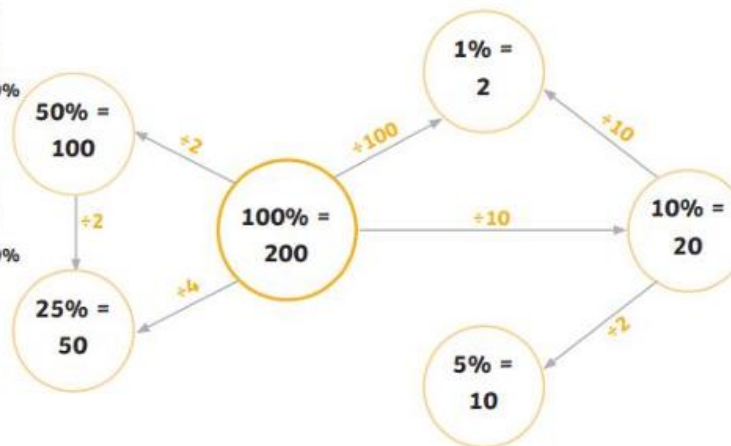
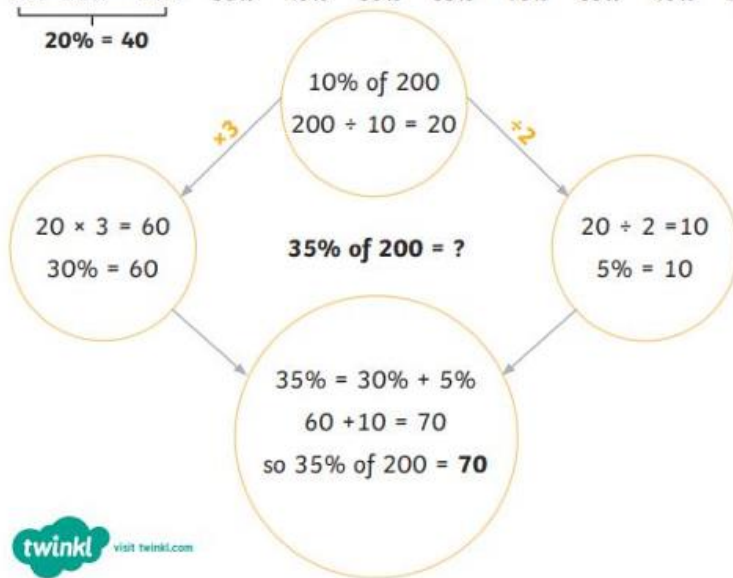
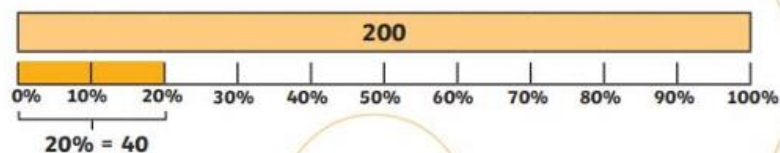
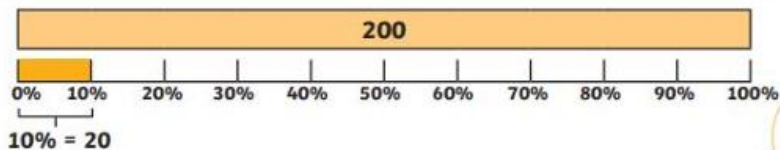
Finding a Percentage of an Amount

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

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

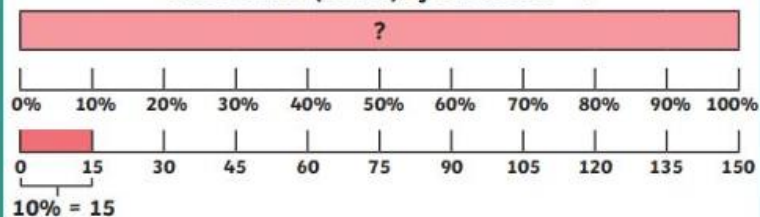
$25\% = \frac{1}{4}$ so we can divide by 4

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



Percentages - Missing Values

Whole value (100%) of bar model = ?



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