


# Fundamental Knowledge Test

## Fractions, decimals and percentages: Answer scheme v1.0

Question	Answer	Mark	Comments																					
1	One quarter of the rectangle shaded in.	B1																						
2	$\frac{3}{5}$	B1	oe																					
3	<table><tr><th>Fraction</th><th>Decimal</th><th>Percentage</th></tr><tr><td><math>\frac{1}{2}</math></td><td>0.5</td><td>50%</td></tr><tr><td><math>\frac{1}{4}</math></td><td>0.25</td><td>25%</td></tr><tr><td><math>\frac{1}{10}</math></td><td>0.1</td><td>10%</td></tr><tr><td><math>\frac{1}{3}</math></td><td>0.33.....</td><td>33.33...%</td></tr><tr><td><math>\frac{2}{3}</math></td><td>0.66...</td><td>66.66.....%</td></tr><tr><td><math>\frac{1}{5}</math> or <math>\frac{2}{10}</math></td><td>0.2</td><td>20%</td></tr></table>	Fraction	Decimal	Percentage	$\frac{1}{2}$	0.5	50%	$\frac{1}{4}$	0.25	25%	$\frac{1}{10}$	0.1	10%	$\frac{1}{3}$	0.33.....	33.33...%	$\frac{2}{3}$	0.66...	66.66.....%	$\frac{1}{5}$ or $\frac{2}{10}$	0.2	20%	B10	<p>All fractions can be given as an equivalent fraction</p> <p>Decimals can be, eg 0.50</p> <p>Recurring decimal notation can be used</p> <p>1 mark each correct entry</p>
Fraction	Decimal	Percentage																						
$\frac{1}{2}$	0.5	50%																						
$\frac{1}{4}$	0.25	25%																						
$\frac{1}{10}$	0.1	10%																						
$\frac{1}{3}$	0.33.....	33.33...%																						
$\frac{2}{3}$	0.66...	66.66.....%																						
$\frac{1}{5}$ or $\frac{2}{10}$	0.2	20%																						
4	0.75	B1																						
5	$\frac{4}{10}$ or $\frac{2}{5}$ or $\frac{40}{100}$	B1	oe																					
6	1%	B1																						
7	6%	B1																						



Question	Answer	Mark	Comments
8	$\frac{13}{100}$	B1	oe
9	0.27	B1	
10	true false false true true	B1 B1 B1 B1 B1	
11	$\frac{1}{4} = 0.25$ or $(0.5) = \frac{1}{2}$ and $\frac{3}{4}$	M1	
	0.75	A1	