

Percentage of Amount & Percentage Change Mark Scheme

1(a)	48	[1]
1(b)	640	[1]
1(c)	161	[1]
1(d)	128.7	[1]
1(e)	252	[1]
2	$0.8 \times \text{£}20 = \text{£}16$	[1] Finds 80% of £20
	So he saved £4	[1] Correct value saved
3	$0.65 \times \text{£}350$	[1] Correct calculation
	£227.50	[1] Correct new cost of bike
4	0.64×600	[1] Correct calculation
	384 pupils	[1] Correct number of pupils
5	$\frac{3800}{3200} = 0.1875$	[1] Correct calculation
	18.75 % increase	[1] Correct percentage increase
6	$\frac{7.5}{12} = 0.625$, $1 - 0.625 = 0.375$	[1] Correct calculation
	37.5 % decrease	[1] Correct percentage decrease
7	$\frac{13 + x}{2} = 21$, $x = 29$ kmph	[1] Correct first half speed
	$\frac{13}{29} = 0.448 \dots$; $1 - 0.448 = 0.552$	[1] Correct calculations
	55.2% decrease	[1] Correct percentage decrease

END