

Question		Working	Answer	Mark	Notes
1	(a)	$\frac{230-180}{180} \times 100$ or $\frac{230}{180} \times 100 - 100$ oe		2	M1 Correct method to find percentage profit award for 28% with no incorrect working seen the $\times 100$ or -100 may be inferred eg $127.8\% \Rightarrow 27.8\%$ implies -100
			27.8(%)		A1 accept awrt 27.8
	(b)	$203 \div 1.16$ or $203 \div 116 \times 100$ oe		2	M1 Fully correct method to find the cost price allow for $\frac{203-x}{x} = 0.16$ oe do not allow $203 \div (1+16\%)$ or $203 \div 116\%$ without further correct working or a correct answer.
			(\$175)		A1 cao
	(c)	Use of 12 hrs 48 mins = 12.8 hrs or 768 mins		3	B1 Convert time to hours or minutes only, accept $\frac{64}{5}$
		$860 \times "12.8"$ or $\frac{860}{60} \times "768"$			M1 for use of time \times distance (allow use of their time eg 12.48)
			11 008 (km)		A1 allow an answer of 11 000 from correct working
	(d)	$91\ 750 \div 3.67$		2	M1 Correct method to find cost in dollars
			(\$25 000)		A1 cao
		<i>Correct answers scores full marks (unless from obviously incorrect working)</i>			Total 9 marks