

<b>1</b>		3.51	<b>2</b>	<b>M1</b> for 3.509677... rounded or truncated to 1 dp or more <b>or SC1</b> for 5.73	5.73 from $6.26 - 0.82 \div 1.55$ to 2 dps
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<b>2</b>	<b>(a)</b>		Gold	Silver	Bronze	Total	<b>3</b>	<b>B3</b> for all 5 entries correct; <b>B2</b> for 3 or 4 entries correct; <b>B1</b> for 2 entries correct	[Common with Foundation]  B0 just one entry correct
			13	<b>11</b>	<b>9</b>	33			
			11	<b>5</b>	10	26			
			10	10	5	25			
			34	26	<b>24</b>	<b>84</b>			
	<b>(b)</b>		2h 8m 2s				<b>2</b>	<b>B1</b> for 2 elements correct or for 2h 7m 62s	

<b>3</b>	<b>(a)</b>		47.52	<b>1</b>		
	<b>(b)</b>		15.2	<b>1</b>		

<b>4</b>	<b>(a)</b>	23 (after figs 234[0] seen)	4	<b>B3</b> for 23.4[0] Or <b>B2</b> for figs 234[0] Or <b>M1</b> for complete method seen  AND <b>B1</b> for answer > 2 sf correctly rounded to 2sf	
	<b>(b)</b>	$10^9$	1	Accept 1 000 000 000	

<b>5</b>		464.8 in either A or B  4 in C  116.2 in D  16.6 in E	<b>1</b>  <b>1</b>  <b>1(FT)</b>  <b>1(FT)</b>	<b>SC3</b> if 16.6 correct but in wrong box or intermediate steps wrong or missing  For the next two marks no more than one of them can be ft  FT exact answer to <i>their</i> (non-integer) $464.8 \div 4$  FT exact answer to <i>their</i> (non-integer) $116.2 \div 7$  If 0 or 1, allow <b>SC2</b> for figs 166 seen	Exact answers may be fractions
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6	(a)		1 315 200	1		
	(b)		1315.2	1FT	FT <i>their</i> (a) $\div$ 1000	
	(c)		0.411	2	<b>M1</b> for digits 411 seen	

7	(a)		26.5	3	$\frac{15.9}{6} \times 10$ <b>M2</b> for $\frac{15.9}{6} \times 10$ oe Or <b>M1</b> for $\frac{15.9}{6}$ soi by 2.65	
	(b)		33	3	<b>B2</b> for 33.96... to 34 seen Or <b>M1</b> for $\frac{90}{15.9} \times 6$ or $\frac{90}{\text{their } 2.65}$	

8	(a)	$2 \times 3^2 \times 5$ oe	2	For 2 marks must be product <b>M1</b> for at least two of 2, 3 and 5 found as factors	
	(b)	4:30 pm oe	3	<p>nfww</p> <p><b>M2</b> for <math>2 \times 3^2 \times 5^2</math> oe or 450 [minutes] identified as interval (eg by lists stopping) or for 4:30 [pm] oe appearing in a list of times for both bell and buzzer</p> <p>Or <b>M1</b> for lists of multiples of both 90 and 150 up to at least 450 condoning one error, FT in the lists or of times for bell and buzzer up to at least 16:30 oe, with one error (or to at least <i>their</i> first common time provided this is 2pm or later)</p> <p>or <b>M1</b> for <math>150 = 2 \times 3 \times 5^2</math> oe soi (eg by correct factor tree)</p> <p>If <b>0</b> scored then <b>SC2</b> for 4:30 or 16:30 pm or other wrong time format Or <b>SC1</b> for 900 [minutes] seen/used as interval or for midnight oe as answer</p>	<p>Condone 4.30 pm or 16.30</p> <p>Allow <b>M2</b> for answer of 16:50 or for 450s or 4h 50m seen/used as interval eg by answers of 1:50 pm</p>

9	(a)	(i)	6.75 or 6.7 or 6.8	1		
	♣	(ii)	614.125	1	Condone rot to 3sf or more	
	(b)		$2 + 3 \times (2 + 7) = 29$	1		ignore superfluous pairs of extra brackets eg $2 + (3 \times (2 + 7)) = 29$ but 0 for extra single brackets or for extra brackets giving wrong result eg $(2 + 3) \times (2 + 7) = 29$
	(c)		231	2	<b>M1</b> for $3.85 \times 60$ or for 0.85 minutes = 51s soi	