

Question	Answer	Marks	Notes and guidance
	isosceles tropezium scolene triongle triongular prism right-ongled triongle	2	Award I mark for two correct pairings



2a	2.436688337	2	Award I mark for either numerator or denominator correctly evaluated
2b	2.44	I	Follow through form their answer to part a provided if has three or more decimal places
3a	$\begin{array}{c c} & & & \\ \hline & & \\ 0 & & \frac{1}{2} & 1 \end{array}$	I	Accept any clear indication on/above/below that line at $\frac{1}{2}$
3b	$\begin{array}{c c} \mathbf{X} & \mathbf{I} & \mathbf{I} \\ 0 & \frac{1}{2} & 1 \end{array}$	I	Accept any clear indication on/above/below that line at 0
4a	19	I	
4b	31	2	Award I mark for continuing sequence to find 5 <sup>th</sup> and 6 <sup>th</sup> term seen or implied
4c	e.g. the number of tiles in a pattern is always odd	I	Accept any correct explanation
5	$\frac{12}{21}, \frac{400}{700}, \frac{28}{49}$	2	Award I mark for finding two equivalent fractions
<b>6</b> a	2 and 16	2	Award I mark for two factors of 48 stated that do not have a difference of 14
6b	60	2	Award 1 mark for listing some multiples of 12 and 15
7a	8 <i>x</i>	I	
7b	$g^2 + 5g$	2	Award I mark for $g^2$ or $5g$ stated



7c	5x(y+3)				2	Award I mark for a correct partial factorisation or $5x$ identified as the highest common factor
8	7				2	Award I mark for a correct first step to solve e.g. $\frac{1}{12}$ of 48 = 4 or 336 = $\Box \times 48$
9a	×	2	3	5	I	
	3	6	9	15		
	4	8	12	20		
	5	10	15	25		
9b	$\frac{6}{9} = \frac{2}{3}$				2	Award I mark for correct method to find probability from their table
I Oa	27 100				I	
ЮЬ	65%				2	Award I mark for a correct method seen or implied e.g. 91 $\div$ 140 or $\frac{13}{20}$ or 0.65
11	No, 929 < 1000				2	Award I mark for 107 800 $\div$ 116 (= 929.3) seen or implied
						Award 0 marks for "No" with no or insufficient supporting working
l 2a	36				I	



I 2b	31	I	
l2c	e.g. the median score of class A was less than the median score of class B. Class A's scores were less varied than Class B	2	Award I mark for a comparison of the median scores for each class Award I mark for a comparison of the spread of data for each class
13	$\angle ACD = 41^{\circ}$ because <u>vertically opposite</u> angles are <u>equal</u> $\angle ADC = 78^{\circ}$ because <u>corresponding angles</u> in parallel lines are <u>equal</u> $x = 61^{\circ}$ because <u>angles in a triangle add up</u> to <u>180^{\circ}</u>	4	Award I mark $\angle ACD = 41^{\circ}$ or $\angle ADC = 78^{\circ}$ stated (accept if indicated on their diagram) Award I mark for $x = 61^{\circ}$ Award I mark for one correctly stated reason provided to support working. Words underline (or their equivalent) must be stated. Award full marks for complete working with correct reasoning.
14	960 cm <sup>2</sup>	3	Award I mark for a correct method to find the area seen or implied e.g. $\frac{1}{2} \times 24 \times 80$ Award I mark for 960 Award I mark for cm <sup>2</sup>
I 5a	15	2	Award I mark for $10 - (-5)$ seen or implied
I 5b	23.75	2	Award I mark for $25 - (1.25)$ seen or implied
16	5 g	3	Award I mark for $600 \div 35$ seen or implied Award I mark for a correct method seen to find the mass left over e.g. $600 - (35 \times 17)$ Condone missing units











22b	I : 0.75	I	
23a	£15 300	2	Award 1 mark for 18 000 $\times$ 0.85 or equivalent full method seen or implied Condone missing £
23b	£21 000	2	Award 1 mark for 17 850 $\div$ 0.85 or equivalent full method seen or implied Condone missing £
24	h = 4	3	Award I mark for a correct use of formula for area of a trapezium e.g. $\frac{1}{2}(13+7)h = 40$ Award I mark for correct first step to solve e.g. $(13+7)h = 40$
25	13.4 cm	3	Award I mark for a correct use of Pythagoras' theorem Award I mark for correct rearrangement e.g. e.g. $\sqrt{18^2 - 12^2}$ seen or implied Accept 13.41 etc.
26	w = 3(q+7)	2	Award I mark for a correct first step to rearrange e.g. $q + 7 = \frac{w}{3}$ or $3q = w - 21$ Accept $w = 3q + 21$