Q	Answer	Mark	Comments
1	8	B1	

Q	Answer	Mark	Comments
2	–6	B1	

Q	Answer	Mark	Comments
3(a)	60(%)	B1	

Q	Answer	Mark	Comments
3(b)	20(%)	B1	

Q	Answer	Mark	Comments
4(a)	18	B1	
	Additional Guidance		
	Embedded answer with no or incorrect answer eg $\frac{18}{3} = 6$		B0

Q	Answer	Mark	Comments
4(b)	$2x = 27 - 3$ or $2x = 24$ or $\frac{27-3}{2}$ or $\frac{24}{2}$ or $x + 1.5 = 13.5$	M1	oe eg $2x + 3 = 27$ $-3 \quad -3$ or $-2x = 3 - 27$ or $-2x = -24$
	12	A1	
	Additional Guidance		
	Embedded answer with no or incorrect answer eg $2 \times 12 + 3 = 27$ without 12 selected or with incorrect answer		M1A0
	Trial and improvement with answer 12		M1A1
	Trial and improvement with no answer or answer other than 12		M0A0

Q	Answer	Mark	Comments
5	2.25	B1	
	Additional Guidance		
	2.25%		B0

Q	Answer	Mark	Comments
6	286.28	B1	
	311.28	B1ft	correct or ft their 286.28 + 25.00
	2141.57	B1ft	correct or ft their 311.28 + 1830.29
	Additional Guidance		
	Mark the answer lines and ignore any numbers in the grey cells		
	Ignore units		
	286.28 261.28 2091.57		B1 B0 B1ft
	1186.28 1211.28 3041.57		B0 B1ft B1ft

Q	Answer	Mark	Comments
7	<table><tr><td>**4**</td><td>3</td><td>**10**</td></tr><tr><td>**5**</td><td>2</td><td>12</td></tr><tr><td>**6**</td><td>**20**</td><td>1</td></tr></table>	B3	B2 3 or 4 correct B1 1 or 2 correct
	Additional Guidance		
	Mark the grid		
	Ignore repeats for B1 or B2		

Q	Answer	Mark	Comments
8(a)	60	B1	

Q	Answer	Mark	Comments
8(b)	**Alternative method 1**		
	Correct reading(s) taken from one or more number(s) of pounds and correct calculation to scale up	M1	eg 1200×5 or $1200 \times 4 + 600 \times 2$
	6000	A1	
	Alternative method 2		
	$500 \times \frac{720}{\text{their } 60}$ or 500×12	M1	oe
	6000	A1ft	correct or ft their 60
	Additional Guidance		
	A correct ft answer implies both marks eg1 answer 62 in (a) and answer 5806(.45) or 5806.5 in (b) eg2 answer 72 in (a) and answer 5000 in (b)		M1A1ft M1A1ft
	Further work eg $1200 \times 5 + 100 \times 5$		M0A0
	For information: £100 – 1200×5 £50 – 600×10 £20 – 240×25 £10 – 120×50		M1

Q	Answer	Mark	Comments
9(a)	390 or 1480	M1	
	1870	A1	
	Additional Guidance		
	Answer only		M1A1
	Ignore calculation of 1864 but 1870 only coming from incorrect rounding of 1864 is M0		

Q	Answer	Mark	Comments
9(b)	Valid explanation referring to **both** of the original numbers being rounded **up**	B1	eg he rounded each number up or each rounded number is bigger than the actual number or 390 is bigger than 385 and 1480 is bigger than 1479
	Additional Guidance		
	Ignore irrelevant, non-contradictory statements		
	Ignore 1864 alongside a correct explanation		
	Incorrect rounding or values seen in this part even alongside a correct explanation		B0
	The number**s** are rounded **up** (to the nearest 10)		B1
	385 became 390 and 1479 became 1480		B1
	One number increased 5 and the other 1 (so it will be 6 bigger)		B1
	385 became 390 and 1479 became 1500		B0
	The numbers are rounded to the nearest 10		B0
	It's rounding so the answer is bigger		B0
	1870 is bigger than 1864		B0

Q	Answer	Mark	Comments
10(a)	(18 300 + 20 700 + 21 500 + 21 500 + 21 500 + 99 000) ÷ 6 or 202 500 ÷ 6	M1	oe allow missing brackets
	33 750	A1	SC1 120 000 or [30 166, 30 167]
	Additional Guidance		
	Correct answer followed by rounding eg 33 750 followed by 30 000		M1A1
	Special cases are for missing brackets or omitting one 21 500		
	Addition signs between the numbers with an attempt at a total implies addition		
	A vertical column of the 6 numbers with an attempt at a total implies addition		
	Allow misreads but must be dividing by 6		
	Accept incorrect money notation for the mean eg1 33 750.0 eg2 30 166.6		 M1A1 SC1

Q	Answer	Mark	Comments
10(b)	Valid explanation	B1	accept any indication that one of the values is non-typical, or that the mean would be non-typical
	Additional Guidance		
	Ignore any attempt to state the best average		
	Ignore irrelevant, non-contradictory statements		
	Accept any indication that 99 000 is **significantly** different		
	One is an outlier / anomaly / is an odd one out / doesn't fit		B1
	The large value boosted the average		B1
	The average is too large		B1
	(Five are below / most are below and) only one is above the mean		B1
	Five are below / most are below (and only one is above) the mean		B1
	99 000 / one number is **much** bigger		B1
	99 000 / one number is bigger		B0
	The range is too large		B0
	The numbers are all different		B0
	Some numbers are much bigger		B0
	Some of the numbers are the same		B0
	It is an estimate / it's not exact / it's not accurate		B0

Q	Answer	Mark	Comments
11	55×2.2 or 121	M1	oe
	their $121 \div 14$ or 8.6(…) or 121 and $(8 \times 14 =)$ 112	M1dep	oe
	8 stones 9 pounds	A1	SC2 8 stones 6 pounds
	Additional Guidance		
	Answer of 8 stones 6 pounds (from incorrect conversion of 8.6…)		SC2
	Answer 8.6… stones 121 pounds		M2A0

Q	Answer	Mark	Comments
12(a)	80×6 or 480 or 80×7 or $480 + 80$	M1	oe implied by 80 : 480
	560	A1	

Q	Answer	Mark	Comments
12(b)	$\frac{1}{15}$	B1	oe fraction
	Additional Guidance		
	Decimal, percentage or ratio answer		B0
	Do not allow 1 in 15 or 1 out of 15 unless the correct fraction seen		
	$\frac{6}{100}$ or $\frac{7}{100}$ or $\frac{6.\dot{6}}{100}$ or $\frac{6.7}{100}$		B0

Q	Answer	Mark	Comments
13(a)	$6y = y + 15$	B2	correct single equation with $6y$ and $y + 15$ eg $15 + y = y \times 6$ B1 $6y$ or $y + 15$ or rearranged equation eg $6y - 15 = y$ or $5y = 15$ but not $y = 3$ only
	Additional Guidance		
	B1 may be awarded for a correct term even if this is seen amongst multiple attempts or embedded in an incorrect equation or incorrect term eg $6y + 15$ or $6y + 15y$ or $6(y + 15)$		
	Allow any variable for B1 but must be consistent for B2		
	Allow unprocessed terms for B1 or B2 eg $6 \times y$ or $y6$		
	$6y = y + 15$ seen, but then correctly simplified or solved		B2
	$6y = y + 15$ seen, but then incorrectly simplified or solved		B1
	$6y = 18$ or $y + 15 = 18$ or both (unless combined to a single equation)		B1
	No work worth B2 or B1 and answer $y = 3$		B0

Q	Answer	Mark	Comments
13(b)	**Alternative method 1: substitutes $y = 4$ into both sides**		
	$(6y =)\ 24$ and $(y + 15 =)\ 19$	B1ft	oe eg $4 \times 6 = 24$ and $4 + 15 = 19$ correct or ft their equation if their equation has a term in y on each side
	Alternative method 2: solves equation		
	$(y =)\ 3$	B1ft	oe eg $3 \times 6 = 18$ and $3 + 15 = 18$ correct or ft their equation if their equation has a term in y on each side
	Additional Guidance		
	Allow any variable		
	Only allow $(y =)\ 3$ seen in (a) if referenced in (b) and not contradicted		B1
	For Alt 1, accept substituting into one side and then equating and solving the other eg $4 \times 6 = 24$ and $24 - 15 = 9$		B1

Q	Answer	Mark	Comments
14	18.5(0) × 2 or 37	M1	implied by 18.5(0) × 84 or 1554
	42 ÷ 15 or $\frac{14}{5}$ or 2.8 or 3	M1	minibuses needed implied by 3 × 450 or 1350 or 3 × 26 or 78
	450 × their 3 + 26 × their 3 or 1350 + 78 or 476 × 3 or 1428	M1dep	oe dep on 2nd mark allow their 3 to be a decimal eg 2.8 1332.8 scores 2nd & 3rd marks 2982 or 2886.8 scores M3
	their 1428 ÷ 42 + their 37 or (their 1428 + 42 × their 37) ÷ 42 or 2982 ÷ 42	M1dep	oe eg (450 × their 3 + 26 × their 3 + 42 × their 37) ÷ 42 dep on M3
	71(.00)	A1	SC4 52.50 SC3 52.5
	Additional Guidance		
	Up to M4 may be awarded for correct work with no answer or incorrect answer, even if this is seen amongst multiple attempts		
	Using 2.8 throughout gives an answer of 68.73(…)		M4A0
	Only 1 game of golf gives an answer of 52.50		SC4
	1350 + 78 may be seen embedded with an incorrect number of games of golf eg (1350 + 78 + 37) ÷ 42		M1M1M1M0

Q	Answer	Mark	Comments
15	$\frac{1}{6}$ or 0.16(6…) or 0.167 or 0.17 or 16(.6…)% or 16.7% or 17%	B1	oe fraction
	Additional Guidance		
	Ignore conversion attempt to fraction, decimal or percentage (but not ratio) after correct probability seen		
	Do not allow eg 1 in 6 or 1 out of 6 unless the correct probability seen		
	Do not allow ratio		
	Ignore words if correct probability seen		

Q	Answer	Mark	Comments
16	1 : 16 or $1^2 : 4^2$	B1	oe ratio
	Additional Guidance		
	$1r$: $16w$		B0

Q	Answer	Mark	Comments
17(a)	2 by 4 or 4 by 2 rectangle drawn	B1	accept overlap with given rectangle mark intention
	Additional Guidance		
	Ignore shading and internal lines		
	If more than one shape drawn apply the rules of choice		

Q	Answer	Mark	Comments
17(b)	Rectangle with dimensions in ratio 1 : 2 or 2 : 1, but not 2 by 4 or 4 by 2	B1	accept overlap with given rectangle mark intention
	Additional Guidance		
	Ignore shading and internal lines		
	If more than one shape drawn apply the rules of choice		

<table>
<tr><th>Q</th><th>Answer</th><th>Mark</th><th>Comments</th></tr>
<tr><td rowspan="5">18(a)</td><td>$36 \times \frac{4}{9}$ or 16 (Soft)
or $36 \times \frac{5}{9}$ or 20 (Hard)
or $36 \times \frac{1}{3}$ or 12 (Dark)
or $36 \times \frac{2}{3}$ or 24 (Milk)</td><td>M1</td><td>oe
implied by the numbers in the relevant row or column making the correct total
accept 16 seen in Milk Soft
accept 12 in Dark Hard</td></tr>
<tr><td><table><tr><th></th><th>Hard</th><th>Soft</th></tr><tr><td>Milk</td><td>13</td><td>11</td></tr><tr><td>Dark</td><td>7</td><td>5</td></tr></table></td><td>A3</td><td>A2 two of Milk Soft = 11, Dark Hard = 7 and Milk Hard = 13

A1 Milk Soft = 11 or Dark Hard = 7</td></tr>
<tr><td colspan="3">Additional Guidance</td></tr>
<tr><td colspan="2"><table><tr><th></th><th>Hard</th><th>Soft</th></tr><tr><td>Milk</td><td>10</td><td>11</td></tr><tr><td>Dark</td><td>7</td><td>5</td></tr></table></td><td>M1A2</td></tr>
<tr><td colspan="2"><table><tr><th></th><th>Hard</th><th>Soft</th></tr><tr><td>Milk</td><td>10</td><td>11</td></tr><tr><td>Dark</td><td>10</td><td>5</td></tr></table></td><td>M1A1</td></tr>
<tr><td colspan="2">For M1 the values must be seen outside the table or implied by the table but also accept 16 seen in Milk Soft or 12 in Dark Hard
<table><tr><th></th><th>Hard</th><th>Soft</th></tr><tr><td>Milk</td><td>10</td><td>16</td></tr><tr><td>Dark</td><td>5</td><td>5</td></tr></table></td><td>M1</td></tr>
</table>

Q	Answer	Mark	Comments
18(b)	$\frac{5}{36}$ or $0.13\dot{8}$ or $13.\dot{8}\%$	B1	oe fraction, decimal or percentage accept rounding to 2 sf or better
	Additional Guidance		
	Ignore incorrect simplification or conversion attempt to fraction, decimal or percentage (but not ratio) after correct probability seen		
	Do not allow eg 5 in 36 or 5 out of 36 unless the correct probability seen		
	Do not allow ratio		
	Ignore words if correct probability seen		

Q	Answer	Mark	Comments
18(c)	$\frac{\text{their } 20}{36}$ or $\frac{5}{9}$ or $0.\dot{5}$ or $55.\dot{5}\%$	B1ft	oe fraction, decimal or percentage correct or ft their Hard total from the table accept rounding to 2 sf or better
	Additional Guidance		
	Ignore incorrect simplification or conversion attempt to fraction, decimal or percentage (but not ratio) after correct probability seen		
	Do not allow eg 20 in 36 or 20 out of 36 unless the correct probability seen		
	Do not allow ratio		
	Ignore words if correct probability seen		

Q	Answer	Mark	Comments
19	**Alternative method 1**		
	Rotation	B1	
	180° or half turn	B1	ignore clockwise or anticlockwise
	Origin or (0, 0) or O	B1	
	Alternative method 2		
	Enlargement	B1	
	(Scale factor) -1	B1	
	Origin or (0, 0) or O	B1	
	Additional Guidance		
	Accept eg rotate for rotation and condone rotational symmetry		
	Do not accept turn for first B1		
	Accept 180 for 180°		
	Accept 0, 0 for origin		
	Do not accept centre of grid for origin		
	Reflection on (0, 0)		B0B0B1
	Choice of transformations eg rotation (and) $\begin{pmatrix} 4 \\ 4 \end{pmatrix}$ or rotation (and) flip		1st B0
	Combined transformation		max B0B1B1

Q	Answer	Mark	Comment	
20	12.9^2 or 166.41 and 17.2^2 or 295.84	M1	implied by 462.25 or 129.43 or $\sqrt{129.43}$ or 11.37… or 11.38 or 11.4	
	$\sqrt{12.9^2+17.2^2}$ or $\sqrt{166.41+295.84}$ or $\sqrt{462.25}$	M1dep		
	21.5	A1	oe	
	Additional Guidance			
	Correct answer with no working			M1M1A1
	21.5 with error seen is A0 eg $\sqrt{12.9^2+17.2^2} = \sqrt{461.95}$ Answer 21.5			M1M1A0
	Answer from trigonometry or drawing			M0M0A0

Q	Answer	Mark	Comments	
21	21 + 58 or 79	M1	may be marked on diagram	
	079	A1		
	Additional Guidance			
	21 + 58 followed by further work leading to the answer eg 21 + 58 = 79, 90 – 79 = 11			M0A0

Q	Answer	Mark	Comments
22	9	B1	

	Answer	Mark	Comment
23	**Alternative method 1: price of buying 8 from each shop**		
	2.39 × 8 or 19.12	M1	oe shop A
	3.08 × 4 + 3.08 ÷ 2 × 4 or 18.48	M1	oe shop B
	11.4 ÷ 6 or 1.9(0) or 11.4 × 2 ÷ 6 or 3.8(0)	M1	oe shop C
	11.4 × 2 – their 1.9(0) × 2 or 11.4 × 2 – their 3.8(0) or 19(.00)	M1dep	oe dep on previous mark $11.4 \times \frac{5}{6} \times 2$ oe scores 3rd & 4th marks
	B and 18.48 with 19.12 and 19(.00) seen	A1	
	Alternative method 2: compares price of individual sticks first		
	3.08 × 1.5 ÷ 2 or 2.31	M1	oe shop B
	(11.4 ÷ 4) ÷ 6 or 0.47(5) or 0.48	M1	oe shop C
	11.4 ÷ 4 – their 0.475 or 2.37(5) or 2.38	M1dep	oe dep on previous mark $11.4 \times \frac{5}{6} \div 4$ oe scores 2nd & 3rd marks
	their 2.31 × 8 or 18.48 with M3 awarded	M1dep	oe
	B and 18.48 with 2.31 and 2.37(5) or 2.38 seen	A1	

Mark scheme and Additional Guidance continue on the next page

23 cont	**Alternative method 3: compares the price of 4 sticks first**		
	2.39 × 4 or 9.56 and 3.08 × 1.5 × 2 or 9.24	M1	oe shops A and B
	11.4 ÷ 6 or 1.9(0)	M1	oe shop C
	11.4 – their 1.9(0) or 9.5(0)	M1dep	dep on previous mark $11.4 \times \frac{5}{6}$ oe scores 2nd & 3rd marks
	their 9.24 × 2 or 18.48 with M3 awarded	M1dep	oe
	B and 18.48 with 9.56 and 9.24 and 9.5(0) seen	A1	
	Alternative method 4: compares the price of 2 sticks first		
	2.39 × 2 or 4.78 and 3.08 × 1.5 or 4.62	M1	oe shops A and B
	(11.4 ÷ 2) ÷ 6 or 0.95	M1	oe shop C
	11.4 ÷ 2 – their 0.95 or 4.75	M1dep	dep on previous mark $11.4 \times \frac{5}{6} \div 2$ oe scores 2nd & 3rd marks
	their 4.62 × 4 or 18.48 with M3 awarded	M1dep	oe
	B and 18.48 with 4.78 and 4.62 and 4.75 seen	A1	

Additional Guidance continues on the next page

23 cont

Additional Guidance

Up to M4 may be awarded for correct work with no answer or incorrect answer, even if this is seen amongst multiple attempts

Use the scheme which gives the highest mark

NB The 4th mark in Alts 2, 3 and 4 does not imply any earlier marks
Either the method or values must have been seen and awarded for the first 3 marks in order to give this mark

However 18.48 always implies M1 by Alt 1

If students use different numbers of sticks for different shops do not combine marks from different schemes

but note that there are possible valid methods that compare eg 2 sticks from A and B and then 4 sticks from B and C (escalate if seen)

All schemes can be oe in pence and allow work in a mix of pounds or pence for up to M4

Allow × 0.16(6…) or × 16(.6…)% or × 0.167 or × 16.7% or × 0.17 or × 17% if seen for method for one sixth for shop C but must recover to given values for A mark

Allow × 0.83(3…) or × 83(.3…)% if seen for method for five sixths for shop C but must recover to given values for A mark

Shop	Cost for 1	Cost for 2	Cost for 4	Cost for 8
A	2.39	4.78	9.56	19.12
B	2.31	4.62	9.24	18.48
C	2.37(5) or 2.38	4.75	9.5(0)	19(.00)

Q	Answer	Mark	Comments
24	8×10 or 80 or $0.5 \times 8 \times (14 - 10)$ or $0.5 \times 8 \times 4$ or 16 or 8×14 or 112	M1	oe may be seen in an incorrect attempt to calculate the population eg $\frac{9450}{112}$
	$8 \times 10 + 0.5 \times 8 \times (14 - 10)$ or $8 \times 10 + 0.5 \times 8 \times 4$ or $80 + 16$ or $8 \times 14 - 0.5 \times 8 \times (14 - 10)$ or $8 \times 14 - 0.5 \times 8 \times 4$ or $112 - 16$ or $0.5 \times (10 + 14) \times 8$ or 96	M1dep	oe may be seen in an incorrect attempt to calculate the population eg $\frac{9450}{96}$
	their 96×9450	M1	oe their 96 must be from a calculation using at least two of 8, 10 and 14
	907 200	A1	
	Additional Guidance		
	The first M1 may be awarded for a correct partial area even if this is seen amongst multiple attempts		
	eg1 $(8 + 10 + 14) \times 9450 = 302\,400$ eg2 $32 \times 9450 = 302\,400$ (working not seen)		M0M0M1A0 M0M0M0A0

Q	Answer	Mark	Comment
25(a)	3	B1	

Q	Answer	Mark	Comment
25(b)	No and correct reason	B1	eg no and this gives percentage (not angle) no and it should be (×) 360 (not 100) no and it should be 72
	Additional Guidance		
	Yes indicated		B0
	If neither box is ticked then No may be implied by the reason eg She hasn't used 360° for the circle		B1
	Ignore irrelevant, non-contradictory statements		
	Do not ignore incorrect calculations or evaluations of the angle, or incorrect statements		
	No and this is 20%		B1
	No and she still needs to work out 20% of 360		B1
	No and a circle is 360°		B1
	No and angles in a pie chart are 360		B1
	No and she needs to divide 360 by 5		B1
	No, shouldn't have × by 100		B0
	No, she should have divided 360 / divided by 360		B0
	No and a circle has 360 **not 180**		B0
	No and it's not big enough		B0

Q	Answer	Mark	Comment
26	Correct method or evaluation of the area of any face or correct method or evaluation of the volume of any relevant cuboid of length 6 cm	M1	eg 5×6 or 30 or 2×6 or 12 or 3×6 or 18 or 4×6 or 24 or $2 \times 5 + 2 \times 2$ or $10 + 4$ or 14 or $2 \times 5 \times 6$ or 60 or $2 \times 2 \times 6$ or 24 or $2 \times 3 \times 6$ or 36 or $4 \times 2 \times 6$ or 48 or $5 \times 4 \times 6$ or 120
	Correct method for volume of prism	M1dep	eg $2 \times 5 \times 6 + 2 \times 2 \times 6$ or $60 + 24$ or 14×6
	84	A1	
	Additional Guidance		
	The first M1 may be awarded even if this is seen amongst multiple attempts		

Q	Answer	Mark	Comment
27	3×45 or 135 or 63	M1	may be seen embedded in an expression, equation or calculation eg $3 \times 45 + 31.5x = 198$
	$\frac{198 - 3 \times 45}{31.5}$ or $(198 - 135) \div 31.5$ or $63 \div 31.5$ or 2 (hours)	M1dep	oe eg $31.5 \times 2 = 63$ implied by total of 5 (hours)
	$198 \div (3 + \text{their } 2)$ or $198 \div 5$	M1dep	
	39.6	A1	accept 40 with M3 awarded
	Additional Guidance		
	Up to M2 may be awarded for correct work with no answer or incorrect answer, even if this is seen amongst multiple attempts		
	NB $31.5 \div (45 \div 3) = 2$ (hours)		M0M0

Q	Answer	Mark	Comment
28	$8a + 29$	B1	oe eg $2(4a + 13) + 3$
	$15a + 48$	B1ft	correct or ft B0 only their $8a + 29$ must be in the form $na + c$ where $n \neq 0$ and $c \neq 0$ implied by $3(5a + 16)$
	$3(5a + 16)$ or $15 = 5 \times 3$ and $48 = 16 \times 3$	B1	oe eg $5a + 16$ so it divides by 3
	Additional Guidance		
	Ignore use of substitution as an attempt to show divisibility		
	Ignore further non-contradictory statements		
	Further simplification eg $15a + 48 = 63$ which is 21×3		B1B1B0
	For the 1st B1 accept $8a + 29$ embedded in a calculation for the sum of the first four terms eg $a + 1 + 2a + 5 + 4a + 13 + 8a + 29$		
	For the 2nd B1 accept $15a + 48$ embedded in a calculation to show divisibility eg $\frac{15a + 48}{3} = 5a + 16$		
	For the 3rd B1 accept 15 is a multiple of 3 and 48 is a multiple of 3		
	$8a + 29$ $a + 2a + 4a + 8a = 15a$ $1 + 5 + 13 + 29 = 48$ but $15a + 48$ not seen $15 = 5 \times 3$ and $48 = 16 \times 3$		B1 B0 B1

Q	Answer	Mark	Comment
29	**Alternative method 1**		
	$\frac{32-14}{12-3}$ or $\frac{18}{9}$ or $(m =)\ 2$	M1	oe eg $\frac{14-32}{3-12}$ implied by $y = 2x$ …
	14 = their 2 × 3 + c or 32 = their 2 × 12 + c or $(m =)\ 2$ and $c = 8$ or $y - 14$ = their $2(x - 3)$ or $y - 32$ = their $2(x - 12)$	M1dep	oe
	$y = 2x + 8$	A1	
	Alternative method 2		
	$14 = 3m + c$ and $32 = 12m + c$ and $32 - 14 = 12m - 3m$ or $m = 2$ or $56 = 12m + 4c$ and $32 = 12m + c$ and $56 - 32 = 4c - c$ or $c = 8$	M1	oe correct method to work out m or c using simultaneous equations implied by $y = 2x$ … or $y = mx + 8$
	Correct substitution of their m into one of the original equations or correct substitution of their c into one of the original equations or $m = 2$ and $c = 8$	M1dep	
	$y = 2x + 8$	A1	