Unit 2 (Calculator allowed) Foundation TierMarkComments (Page 1)1.(£) 2.49B19 (cartons)(£) 34.03B1442.4AC = 65 cmM1BC = 8 cmM1Completed triangleM135. Evidence of counting squaresM146 - 52 (cm ²)B19(a) (i)likely(ii) unlikelyB1(b) 4B168201535. (a)42682015310potatoes for 1 type of meal =)2205 + 9B1(c) (Weight of potatoes for 1 type of meal =)2205 + 9B1(b) £1, 50p, 20p, 10p, 5pB1(c) (Weight of potatoes for 4 types of meal = 245) × 4980 (kg)B1(c) (Xeight of potatoes for 4 types of meal = 245) × 4980 (kg)B1(b) $(x =)$ 18(b) $(x =)$ 18(b) $(x =)$ 18(b) $(x =)$ 18(c) $(T\hat{AB} =)$ 64°27. $(T\hat{AB} =)$ 64°27. $(T\hat{AB} =)$ 64°28128281928281939494949595969697989898989894<	MATHEMATICS 2 nd SAMs 2017		MARK SCHEME
1.(E) 12.25B1 B1 B1 B19 (cartons)(E) 34.03B12.4Allow $\pm 2 \text{ mm}$ 2.4Allow $\pm 2 \text{ mm}$ Completed triangleA1Dependent on at least one M13.Evidence of counting squares 46 - 52 (cm ²)M1 A1Inside the shape4. (a) (i)likelyB1 B1(ii) unlikelyB1 B1(b) 4B15. (a)42 5 3 17B3 Correct answers5. (a)42 2205 ± 3 B3 Correct answers68 20 2205 ± 9 B1 M1 A1(b) £1, 50p, 20p, 10p, 5p (Weight of potatoes for 1 type of meal =) 280 (kg)B1 A1(C) (Weight of potatoes for 4 types of meal = 245) $\times 4$ 980 (kg)B1 A1(b) $(x =) 18$ (b) $(x =) 60$ B1 B17. $(TAB =) 64^{\circ}$ (AT =) 7 cmB1 B1 E18. (a)FALSEB28. (a)FALSEB28. (a)FALSEB2		Mark	
(E) 2.49B1 B1 B1 B19 (cartons)(E) 34.03B1 B1242. AC = 6.5 cm BC = 8 cm Completed triangleAllow $\pm 2 \text{ mm}$ 3. Evidence of counting squaresM1 A146 - 52 (cm²)M1 A146 - 52 (cm²)B1 B1 B1(ii) unlikelyB1 B1(b) 4B15. (a) 42 (b) £1, 50p, 20p, 10p, 5pB3 (c) (Weight of potatoes for 1 type of meal =) 2205 + 9 (Weight of potatoes for 4 types of meal = 245) × 4 980 (kg)B1 B1 A1(c) (Weight of potatoes for 4 types of meal =) 280 (kg)M1 A1 A10CR 2205 × 4 (= 8820) (8820) + 9 CAO0Cr 2105 × 4 (= 8820) (8820) + 9 CAO7. ($TAB =) 64^{\circ}$ ($AT =) 7 \text{ cm}$ B1 E1 E1 E28. (a) FALSEB2B1 for 3 correct	1. (£)12.25	B1	
9 (cartons) (£) 34.03 B_1 B12. AC = 6.5 cm BC = 8 cm Completed triangle43. Evidence of counting squares 46 - 52 (cm²)M1 A14		B1	
(f) 34.03B1442.AC = 6.5 cm BC = 8 cmM1 M1 A1Completed triangleA1333. Evidence of counting squares $46 - 52 (cm^2)$ M1 A14. (a) (i) (ii) unlikelylikely B1 B1(b) 445. (a) 642 85. (a) 642 85. (a) 642 20 205 ± 9 6 (c) (Weight of potatoes for 1 type of meal =) 2205 ± 9 (Weight of potatoes for 4 types of meal =) 280 (kg)(c) (Weight of potatoes for 4 types of meal =) 980 (kg)(c) (Weight of potatoes for 4 types of meal =) 980 (kg)(c) (Weight of potatoes for 4 types of meal =) 980 (kg)(b) $(x =) 18$ (b) $(x =) 60$ 27. $(TAB =) 64^{\circ}$ (AT =) 7 cm8. (a)FALSEB2B1 for 3 correct		B1	
2. AC = 6.5 cm BC = 8 cm Completed triangleM1 M1 M1 A1Allow $\pm 2 \text{ mm}$ Dependent on at least one M13.Evidence of counting squares $46 - 52 \text{ (cm}^3$)M1 A1Inside the shape4. (a) (i) (ii) unlikely (ii) unlikelylikely B1 B1B1 B1(b) 4B135. (a) 442 5 6B2 6B3 56 6 6 78B37. (a) (b) £1, 50p, 20p, 10p, 5p (Weight of potatoes for 1 type of meal =) 2205 + 9B1 M1 M1 A1(c) (Weight of potatoes for 1 type of meal =) 2205 + 9M1 M1 A16. (a) (x =) 18 (b) (x =) 60B1 B16. (a) (x =) 18 (b) (x =) 660B1 B1 B1227. (TÂB =) 64° (AT =) 7 cmB1 E18. (a)FALSEB2 B28. (a)FALSEB2 B2		B1	
2. AC = 6.5 cm BC = 8 cm Completed triangleM1 M1 M1 A1Allow $\pm 2 \text{ mm}$ Dependent on at least one M13.Evidence of counting squares $46 - 52 \text{ (cm}^3$)M1 A1Inside the shape4. (a) (i) (ii) unlikely (ii) unlikelylikely B1 B1B1 B1(b) 4B135. (a) 442 5 6B2 6B3 56 6 6 78B37. (a) (b) £1, 50p, 20p, 10p, 5p (Weight of potatoes for 1 type of meal =) 2205 + 9B1 M1 M1 A1(c) (Weight of potatoes for 1 type of meal =) 2205 + 9M1 M1 A16. (a) (x =) 18 (b) (x =) 60B1 B16. (a) (x =) 18 (b) (x =) 660B1 B1 B1227. (TÂB =) 64° (AT =) 7 cmB1 E18. (a)FALSEB2 B28. (a)FALSEB2 B2			
$AC = 6.5 \text{ cm}$ $BC = 8 \text{ cm}$ M1 M1 A1Dependent on at least one M13. Evidence of counting squares $46 - 52 \text{ (cm}^3)$ M1 A1Inside the shape4. (a) (i) (ii) unlikelylikelyB1 B1(b) 4B15. (a)42 6B16820 1153153(b) £1, 50p, 20p, 10p, 5p (20 ± 00 ± 00 ± 00 ± 00 ± 00 ± 00 ± 00 ±		4	
$BC = 8 \text{ cm}$ Completed triangleM1 A1Dependent on at least one M133. Evidence of counting squares $46 - 52 \text{ (cm}^3)$ M1 A1Inside the shape4. (a) (i) (ii) unlikelylikelyB1 B1(b) 4B15. (a)42 14 B3 20 1 B3 for 5 correct answers B2 for 3 or 4 correct entries on FT B1 for 2 correct entries on FT(b) £1, 50p, 20p, 10p, 5pB1 $2205 + 9$ (Weight of potatoes for 1 type of meal =) $2205 + 9$ (Weight of potatoes for 4 types of meal = 245) × 4 $980 (kg)$ M1 A1 A1Organisation and communicationOC1 8 B1 A1 A16. (a) $(x =)$ 18 $(b) (x =) 60B1B1B17. (T\hat{A}B =) 64°(AT =) 7 \text{ cm}B1228. (a)FALSEB2B28. (a)FALSEB2B2$		N/4	Allow $\pm 2 \text{ mm}$
Completed triangleA1Dependent on at least one M1333. Evidence of counting squaresM1 $46 - 52 (cm^2)$ M1A1Inside the shape4. (a) (i)likely(ii)unlikely(b) 4B15. (a)426820B315317(b) £1, 50p, 20p, 10p, 5pB1(c) (Weight of potatoes for 1 type of meal =) $2205 \div 9$ M1 $800 (kg)$ (Weight of potatoes for 4 types of meal = 245) × 4 $980 (kg)$ M1 $A1$ 0Crganisation and communicationOC18B1 $B1$ 6. (a) ($x = 18$ ($b) (x = 160B1B1227. (T\hat{A}B =) 64^{\circ}(AT =) 7 \text{ cm}B1E28. (a)FALSEB2B1b1 for 3 correct$			
333. Evidence of counting squaresM1 A1 $46 - 52 (cm^2)$ M1 A14. (a) (i) (ii) unlikelylikelyb) 4B1 B1(b) 4B1 B1(b) 4B1 B15. (a)42 B 36820 1153153(c) (Weight of potatoes for 1 type of meal =) 2205 ÷ 9 (Weight of potatoes for 4 types of meal = 245) × 4 980 (kg)M1 M1 A1(c) (Weight of potatoes for 4 types of meal = 245) × 4 980 (kg)M1 A10C1 B1 (A7 =) 7 cmB1 B1 Accept embedded answers221 222 47. (TÂB =) 64° (AT =) 7 cmB1 B28. (a)FALSEB2 B28. (a)FALSE			Dependent on at least one M1
3. Evidence of counting squaresM1 A1Inside the shape $46 - 52 (cm^2)$ 14 2 4. (a) (i) (ii) unlikelylikelyB1 B1(b) 4B1 $5. (a)$ 42 6 8 14 28 6 8 14 28 $205 + 9$ B3 (c) (Weight of potatoes for 1 type of meal =) $2205 \div 9$ B1 M1 A1 (c) (Weight of potatoes for 1 type of meal =) $205 \div 9$ M1 M1 A1 (c) (Weight of potatoes for 4 types of meal = $245) \times 4$ $980 (kg)$ M1 A1Organisation and communicationOC1 8 $6. (a)$ ($x = 18$ ($b)$ ($x =) 60$ B1 B1 B1 (a) $FALSE$ B2 B1 $a(a)$ FALSEB2 B2 $B1$ $b1$ $b1$ $c2^{\circ}$ $b1$ $b2$ mm $a(a)$ FALSEB2 B2B1 for 3 correct			Dependent on at least one with
$46 - 52 (cm^2)$ A1 2 2 4. (a) (i) likely (ii) unlikely B1 (b) 4 B1 5. (a) 42 6 8 1 5 6 8 205 + 9 M1 (b) £1, 50p, 20p, 10p, 5p (c) (Weight of potatoes for 1 type of meal =) 2205 + 9 M1 (C) (Weight of potatoes for 4 types of meal = 245) × 4 980 (kg) Organisation and communication 0C1 8 6. (a) (x =) 18 (b) (x =) 60 2 7. (TÂB =) 64° (AT =) 7 cm 2 8. (a) FALSE B2 B1 for 3 correct			
224. (a) (i) (ii) unlikelylikelyB1 B1(b) 4B1(b) 4B1 3 3 5. (a)42 6B3 6 820 1153153(b) £1, 50p, 20p, 10p, 5pB1 (c) (Weight of potatoes for 1 type of meal =) 2205 ÷ 9 (Weight of potatoes for 4 types of meal = 245) × 4 980 (kg)M1 A1(c) (Weight of potatoes for 4 types of meal = 245) × 4 980 (kg)M1 A1Organisation and communicationOC1 B1 B16. (a) ($x = $) 18 (b) ($x = $) 60B1 B1 B1227. ($TÂB = $) 64° ($AT = $) 7 cmB1 22. (a)FALSEB2 B2B1 for 3 correct	3. Evidence of counting squares		Inside the shape
4. (a) (i) (ii) unlikelylikelyB1 B1(b) 4B1(b) 4B1335. (a)42 6686815317(b) £1, 50p, 20p, 10p, 5pB1(c) (Weight of potatoes for 1 type of meal =) 2205 ÷ 9M1 M1 A1(C) (Weight of potatoes for 4 types of meal = 245) × 4 980 (kg)M1 A1Organisation and communicationOC1886. (a) $(x =)$ 18 (b) $(x =)$ 60B1 B1 B17. $(T\hat{A}B =)$ 64° ($AT =)$ 7 cmB1 28. (a)FALSEB28. (a)FALSEB2	$46 - 52 \ (\text{cm}^2)$	A1	
4. (a) (i) (ii) unlikelylikelyB1 B1(b) 4B1(b) 4B1335. (a)42 6686815317(b) £1, 50p, 20p, 10p, 5pB1(c) (Weight of potatoes for 1 type of meal =) 2205 ÷ 9M1 M1 A1(C) (Weight of potatoes for 4 types of meal = 245) × 4 980 (kg)M1 A1Organisation and communicationOC1886. (a) $(x =)$ 18 (b) $(x =)$ 60B1 B1 B17. $(T\hat{A}B =)$ 64° ($AT =)$ 7 cmB1 28. (a)FALSEB28. (a)FALSEB2		2	
(ii) unlikelyB1(b) 4B135. (a) 42B314 28B36 8 20B31 5 3 17B1(b) £1, 50p, 20p, 10p, 5pB1(c) (Weight of potatoes for 1 type of meal =) 2205 ÷ 9B1(c) (Weight of potatoes for 4 types of meal = 245) × 4 980 (kg)M1 A1Organisation and communicationOC18CAO6. (a) $(x =)$ 18 (b) $(x =)$ 60B1 B1227. $(T\hat{A}B =)$ 64° (AT =) 7 cmB1 28. (a) FALSEB2B1 for 3 correct	4. (a) (i) likely		
335. (a)42B3682015317(b) £1, 50p, 20p, 10p, 5pB1(c) (Weight of potatoes for 1 type of meal =) $2205 \div 9$ B1(Weight of potatoes for 4 types of meal = 245) × 4 980 (kg)M1 M1 A1OR 2205 × 4 (= 8820) (8820) ÷ 9 CAOOrganisation and communicationOC186. (a) ($x = 18$ ($b) (x = 160B1B1B17. (T\hat{A}B =) 64^{\circ}(AT =) 7 \text{ cm}B12\pm 2^{\circ}\pm 2 \text{ mm}8. (a)FALSEB2B1 for 3 correct$			
335. (a)42B3682015317(b) £1, 50p, 20p, 10p, 5pB1(c) (Weight of potatoes for 1 type of meal =) $2205 \div 9$ B1(Weight of potatoes for 4 types of meal = 245) × 4 980 (kg)M1 M1 A1OR 2205 × 4 (= 8820) (8820) ÷ 9 CAOOrganisation and communicationOC186. (a) ($x = 18$ ($b) (x = 160B1B1B17. (T\hat{A}B =) 64^{\circ}(AT =) 7 \text{ cm}B12\pm 2^{\circ}\pm 2 \text{ mm}8. (a)FALSEB2B1 for 3 correct$		D 4	
5. (a)42B3B3 for 5 correct answers B2 for 3 or 4 correct entries on FT B1 for 2 correct entries on FT153171617(b) £1, 50p, 20p, 10p, 5pB1B1CR 2205 \times 4 (= 8820) (8820) \div 9CR 2205 \times 4 (= 8820) (8820) \div 9CAO(Weight of potatoes for 4 types of meal = 245) \times 4 980 (kg)M1 A1CR 2205 \times 4 (= 8820) (8820) \div 9CAOOrganisation and communicationOC186. (a) ($x =$) 18 (b) ($x =$) 60B1 B1 B1Accept embedded answers227. ($T\hat{A}B =$) 64° ($AT =$) 7 cmB1 2 \pm 2° \pm 2 mm8. (a)FALSEB2B1 for 3 correct	(b) 4	B1	
1428B2 for 3 or 4 correct entries on FT682015315315315315315315315315315315315315315315315315311121315311111111111111111111112111 <t< td=""><td></td><td></td><td></td></t<>			
6820B1 for 2 correct entries on FT15317B1(b) £1, 50p, 20p, 10p, 5pB1B1(c) (Weight of potatoes for 1 type of meal =) 2205 \div 9M1 M1 A1OR 2205 \times 4 (= 8820) (8820) \div 9 CAOOrganisation and communicationOC1B16. (a) ($x =$) 18 (b) ($x =$) 60B1 B1Accept embedded answers7. ($T\hat{A}B =$) 64° ($AT =$) 7 cmB1 2 \pm 2° \pm 2 mm8. (a)FALSEB2B1 for 3 correct		B3	
1 5 3 17 (b) £1, 50p, 20p, 10p, 5p B1 (c) (Weight of potatoes for 1 type of meal =) 2205 ÷ 9 M1 M1 A1 OR 2205 × 4 (= 8820) (8820) ÷ 9 (Weight of potatoes for 4 types of meal = 245) × 4 980 (kg) M1 A1 OR 2205 × 4 (= 8820) (8820) ÷ 9 Organisation and communication OC1 8 6. (a) (x =) 18 (b) (x =) 60 B1 B1 Accept embedded answers 2 2 7. (TÂB =) 64° (AT =) 7 cm B1 2 8. (a) FALSE B2			
(b) £1, 50p, 20p, 10p, 5pB1(c) (Weight of potatoes for 1 type of meal =) 2205 \div 9M1 M1 A1OR 2205 \times 4 (= 8820) (8820) \div 9(Weight of potatoes for 4 types of meal = 245) \times 4 980 (kg)M1 A1OR 2205 \times 4 (= 8820) (8820) \div 9Organisation and communicationOC186. (a) (x =) 18 (b) (x =) 60B1 B1227. ($T\hat{A}B =)$ 64° ($AT =)$ 7 cmB1 2 \pm 2° \pm 2 mm8. (a)FALSEB2B1 for 3 correct			B1 for 2 correct entries on FT
(c) (Weight of potatoes for 1 type of meal =) 2205 \div 9M1 M1 A1OR 2205 \times 4 (= 8820) (8820) \div 9 CAO(Weight of potatoes for 4 types of meal = 245) \times 4 980 (kg)M1 A1OR 2205 \times 4 (= 8820) (8820) \div 9 CAOOrganisation and communicationOC186. (a) (x =) 18 (b) (x =) 60B1 B1Accept embedded answers227. ($T\hat{A}B =$) 64° ($AT =$) 7 cmB1 2 \pm 2° \pm 2 mm8. (a)FALSEB2B1 for 3 correct	1 5 3 17		
(c) (Weight of potatoes for 1 type of meal =) 2205 \div 9M1 M1 A1OR 2205 \times 4 (= 8820) (8820) \div 9 CAO(Weight of potatoes for 4 types of meal = 245) \times 4 980 (kg)M1 A1OR 2205 \times 4 (= 8820) (8820) \div 9 CAOOrganisation and communicationOC186. (a) (x =) 18 (b) (x =) 60B1 B1Accept embedded answers227. ($T\hat{A}B =$) 64° ($AT =$) 7 cmB1 2 \pm 2° \pm 2 mm8. (a)FALSEB2B1 for 3 correct	(b) £1, 50p, 20p, 10p, 5p	B1	
$\begin{array}{c cccc} 2205 \div 9 & M1 & OR 2205 \times 4 (= 8820) \\ (Weight of potatoes for 4 types of meal = 245) \times 4 & M1 \\ 980 (kg) & A1 & CAO \\ Organisation and communication & OC1 & \\ & & & & \\ \hline & & & & \\ 6. (a) (x =) 18 & & B1 \\ (b) (x =) 60 & & B1 & Accept embedded answers \\ \hline & & & & \\ 1 & & & & \\ \hline & & & & & \\ \hline & & & & & \\ 7. (T\hat{A}B =) 64^{\circ} & & & \\ (AT =) 7 \text{ cm} & & & \\ \hline & & & & \\ \hline & & & & & \\ \hline & & & &$			
(Weight of potatoes for 4 types of meal = 245) $\times 4$ 980 (kg)M1 A1(8820) $\div 9$ CAOOrganisation and communicationOC186. (a) (x =) 18 (b) (x =) 60B1 B127. ($T\hat{A}B =) 64^{\circ}$ ($AT =) 7 \text{ cm}$ B1 E28. (a)FALSEB2B1 for 3 correct			
(100 giver polarized of the type of the second s			
Organisation and communicationOC186. (a) $(x =)$ 18 (b) $(x =)$ 60B1 B127. $(T\hat{A}B =)$ 64° $(AT =)$ 7 cmB1 B1 $\pm 2^{\circ}$ ± 2 mm8. (a)FALSEB2B1 for 3 correct			
86. (a) $(x =)$ 18(b) $(x =)$ 6027. $(T\hat{A}B =)$ 64°(AT =) 7 cm28. (a)FALSEB2B1 for 3 correct	980 (kg)	A1	CAO
86. (a) $(x =)$ 18(b) $(x =)$ 6027. $(T\hat{A}B =)$ 64°(AT =) 7 cm28. (a)FALSEB2B1 for 3 correct	Organisation and communication	OC1	
6. (a) $(x =)$ 18 (b) $(x =)$ 60B1 B1Accept embedded answers227. $(T\hat{A}B =)$ 64° $(AT =)$ 7 cmB1 ± 2 ° ± 2 mm8. (a)FALSEB2B1 for 3 correct			
(b) $(x =) 60$ B1 2 2 7. $(T\hat{A}B =) 64^{\circ}$ B1 $\pm 2^{\circ}$ (AT =) 7 cm B1 $\pm 2^{\circ}$ 8. (a) FALSE B2 B1 for 3 correct			
27. $(T\hat{A}B =) 64^{\circ}$ B1 $\pm 2^{\circ}$ 8. (a)FALSEB2B1 for 3 correct			Accept embedded answers
7. $(\hat{TAB} =) 64^{\circ}$ $(AT =) 7 \text{ cm}$ B1 $\pm 2^{\circ}$ $\pm 2 \text{ mm}$ 28. (a)FALSEB2B1 for 3 correct	(b) ($x = 100$	Ы	
7. $(\hat{TAB} =) 64^{\circ}$ $(AT =) 7 \text{ cm}$ B1 $\pm 2^{\circ}$ $\pm 2 \text{ mm}$ 28. (a)FALSEB2B1 for 3 correct			
(AT =) 7 cm B1 ± 2 mm 2 2 8. (a) FALSE B2 B1 for 3 correct	$7. (T\hat{A}B =) 64^{\circ}$	B1	
2 8. (a) FALSE B2 B1 for 3 correct		B1	± 2 mm
8. (a) FALSE B2 B1 for 3 correct		2	
	8. (a) FALSE		B1 for 3 correct
	TRUE		
TRUE			
TRUE	TRUE		
(b) Shape with rotational symmetry of order 3 B1	(b) Shape with rotational symmetry of order 3	B1	
Same shape showing 3 correct lines of symmetry B1		D4	
symmetry B1	Symmetry		
4		4	

MATHEMATICS 2 nd SAMs 2017 Unit 2 (Calculator allowed) Foundation Tier	Mark	MARK SCHEME Comments (Page 2)
9.		For both (a) and (b), B2 for both spaces filled AND rule given. B1 for either filling the spaces or giving a rule
(a) 5, 8 , 11 , 14 Add 3 to the previous number	B2	(from those on the left).
OR 5, 7.05 , 9.93 , 14, Multiply previous term by $\sqrt[3]{14/5} = 1.67$	(B1) (B1)	
(b) 40, 20 , 10 , 5 Divide previous term by 2	B1 B1	For both entries
OR 40, 28 $\frac{1}{3}$, 16 $\frac{2}{3}$, 5	(B1)	For both entries
Subtract 11 $\frac{2}{3}$ from the previous term	(B1)	
	4	
10. (a) 7 <i>g</i> – 2 <i>f</i>	B2	Must be in an expression for B2. B1 for sight of $7g$ or $-2f$.
(b) 10	B2	B1 for –6 + 16.
(c) 0 and -1	B2	B1 for 0.
	6	
11. (a) (i) <u>1</u> 80	B1	
(ii) <u>1</u> 2	B1	
(b) 7 red 4 green 1 black	B1	
12. 0.38 × 15.6 or equivalent	3 M1	
12. 0·38 × 15·6 or equivalent = 5·928 (ISW)	A1	Unsupported 5.9 or 5.92 or 5.93 is M1A0.
40 lleastic state (is sectoral side this)	2	
13. Unambiguous sketch (i.e. rectangles identified) OR Unambiguous description of possible layout.	E1	Allow E1 if intent clear.
Correct use of 'Area = length × width' (Uncovered area =) $9 \times 9 - 8 \times 4 - 7 \times 2$ $35(cm^2)$	B1 M1 A1	On any one of the three given shapes.
	4	
14. $(6 \times 0) + 5 \times 1 + 11 \times 3$ ÷ 22	M1 m1	For attempt at $\sum fx$ or sight of 38.
÷ 22 1·73	A2	A1 for 1.72()
Accuracy of writing	W1	
	5	

MA	THEMATICS 2 nd SAMs 2017	Mark	MARK SCHEME
Unit 2 (Ca	Iculator allowed) Foundation Tier		Comments (Page 3)
15.	A (11, -1)	B2	B1 for each ordinate.
	B (21, 9)	B2	B1 for each ordinate.
	C (21, 1)	B2	B1 for each ordinate. FT 'their 21'.
			Accept answers on the diagram.
		6	
16. U	Ise of 'Speed = Distance ÷ Time'	M1	Allow M1 for 80 / 2(hr) 30(min) or 80 / 2.3
	(Average speed =) <u>80</u>	m1	
	2.5		
	= 32(mph)	A1	CAO
		3	
17.(a)	Correct rotation	B2	B1 for clockwise rotation.
(b) (b)	Correct enlargement with scale factor 2	B2	B1 for correctly sized rectangle in incorrect
			position OR consistent use of wrong scale factor
			OR 2 correct vertices
		4	