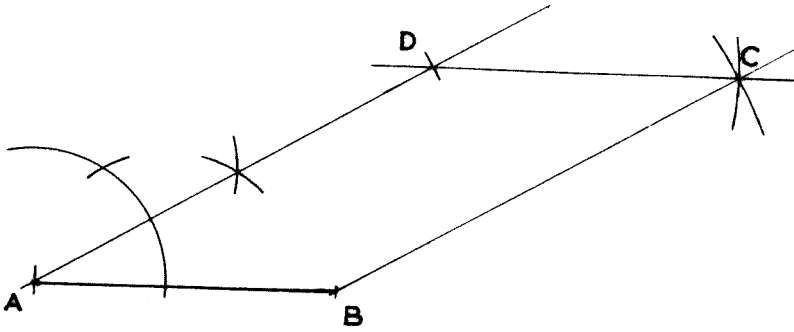
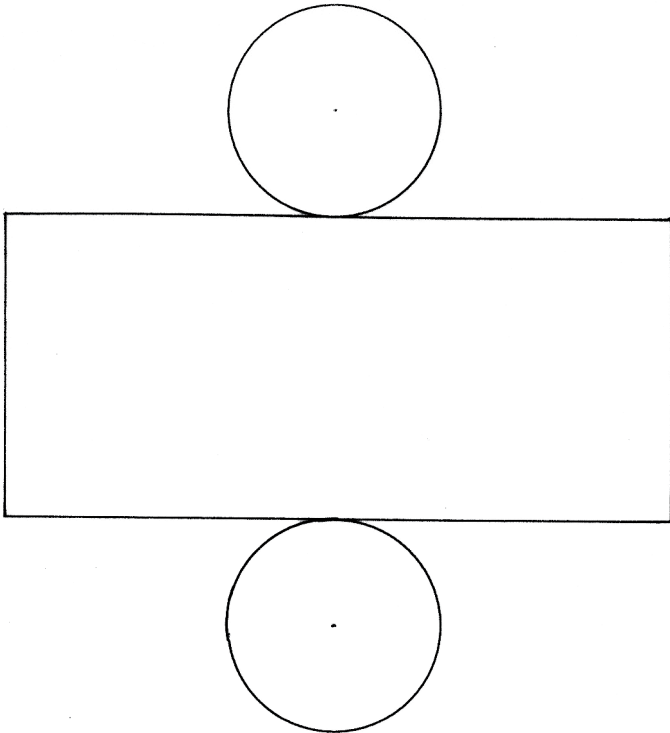


4.3.3 Mathematics Alternative B (122/1)

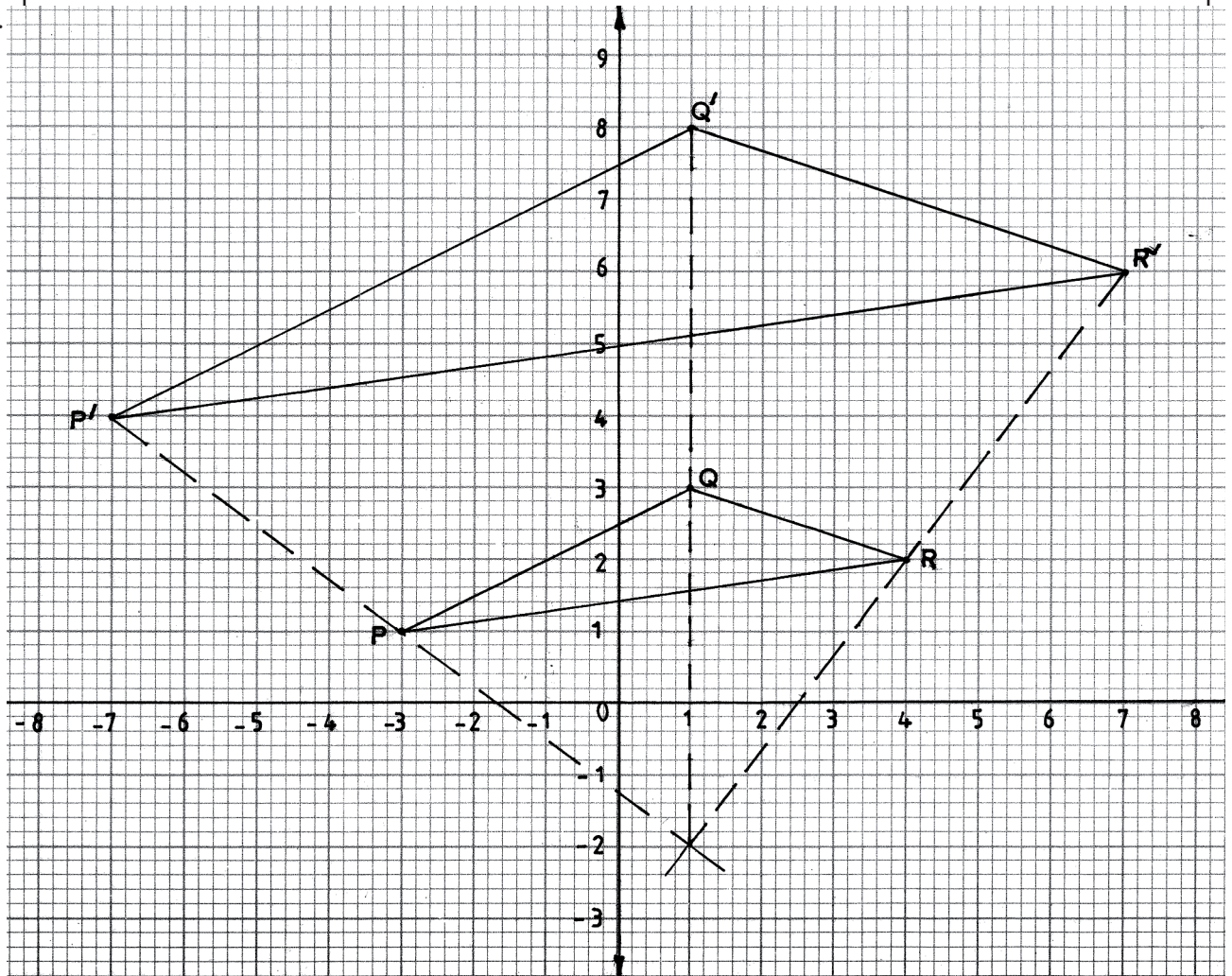
1.	$\frac{-8 \times +2 + -11}{+18 \div -2 \times +3} = \frac{-27}{-27}$ $= 1$	M1	
		A1	
2.	<p>Number of boys = $630 - 84$ = 546</p> <p>Number of students = $630 + 546$ = 1176</p> <p>Number of parents = $1176 \div 4$ = 294</p>	M1	
		M1	
		A1	
3.	$3(78 - y) + 5y = 300$ $2y = 66$ $y = 33$ $\therefore x = 78 - 48 = 45$ $10x + 15y = 450 + 495 = 945$	M1	
		A1	
		B1	
4.	<p>(a) $96 = 2^5 \times 3$ $84 = 2^2 \times 3 \times 7$ $36 = 2^2 \times 3^2$</p> <p>GCD of 96, 84 and 36 = $2^2 \times 3 = 12$</p> <p>(b) Number of packets of foodstuffs</p> $= \frac{96}{12} + \frac{84}{12} + \frac{36}{12}$ $= 8 + 7 + 3 = 18$	M1	or equivalent
		A1	
		M1	
		A1	
5.	$\frac{128}{2^5 \div 2^8} = \frac{2^7}{2^{-3}}$ $= 2^{10}$	B1	\checkmark numerator \checkmark denominator
		B1	
		B1	
		3	

6.		<table border="1"> <tbody> <tr> <td>B1</td> <td rowspan="3">✓ construction of 30° ✓ construction of AD = 6 cm identifying C and completing parallelogram</td> </tr> <tr> <td>B1</td> </tr> <tr> <td>B1</td> </tr> <tr> <td>3</td> <td></td> </tr> </tbody> </table>	B1	✓ construction of 30° ✓ construction of AD = 6 cm identifying C and completing parallelogram	B1	B1	3	
B1	✓ construction of 30° ✓ construction of AD = 6 cm identifying C and completing parallelogram							
B1								
B1								
3								
7.	$4\alpha + \alpha + 10 = 90^\circ$ $5\alpha = 80^\circ$ $\alpha = 16^\circ$ $\sin \alpha = 0.276$	<table border="1"> <tbody> <tr> <td>M1</td> <td rowspan="4"></td> </tr> <tr> <td>A1</td> </tr> <tr> <td>B1</td> </tr> <tr> <td>3</td> </tr> </tbody> </table>	M1		A1	B1	3	
M1								
A1								
B1								
3								
8.	$\frac{0.375 \div 0.06 - 4.2}{3.96 + 2.8 \times 0.05} = \frac{6.25 - 4.2}{3.96 + 0.14}$ $= \frac{2.05}{4.1}$ $= 0.5$	<table border="1"> <tbody> <tr> <td>M1</td> <td rowspan="4">Evidence of division and multiplication should be seen.</td> </tr> <tr> <td>M1</td> </tr> <tr> <td>A1</td> </tr> <tr> <td>3</td> </tr> </tbody> </table>	M1	Evidence of division and multiplication should be seen.	M1	A1	3	
M1	Evidence of division and multiplication should be seen.							
M1								
A1								
3								
9.	<p>Mangoes: $2x + x + \frac{1}{3}x$</p> $= 3\frac{1}{3}x$ <p>Oranges: $\frac{1}{3}y + y + \frac{2}{3}y = 2y$</p> <p>Total Fruits = $3\frac{1}{3}x + 2y$</p>	<table border="1"> <tbody> <tr> <td>M1</td> <td rowspan="4"></td> </tr> <tr> <td>M1</td> </tr> <tr> <td>A1</td> </tr> <tr> <td>3</td> </tr> </tbody> </table>	M1		M1	A1	3	
M1								
M1								
A1								
3								

10.	<p>(a) Cylinder</p> <p>(b)</p>  <p>Two circles of radius 1.4 touching the longer sides of a rectangle 4 cm by 8.8 cm.</p>	<p>B1</p> <p>B1</p> <p>B1</p> <p>3</p>	<p>for correct circles</p> <p>for correct rectangle</p>
11.	<p>Fraction of circumference made = $\frac{12}{60}$</p> $\frac{22}{7} \times 2r \times \frac{12}{60} = 17.6$ $r = \frac{7}{22} \times \frac{60}{12} \times \frac{17.6}{2}$ $= 14$	<p>B1</p> <p>M1</p> <p>M1</p> <p>A1</p> <p>4</p>	<p>or equivalent</p>
12.	<p>$\angle RQP = 147^\circ$</p> <p>$\angle SRP = 90^\circ$</p> <p>$\angle SRQ = 90 + 12 = 102^\circ$</p>	<p>B1</p> <p>B1</p> <p>B1</p> <p>3</p>	<p>or $\angle RPS = 57^\circ$</p> <p>or $180 - (57 + 21) = 102^\circ$</p>

13.	$2x^2 + 6y - 3x - 4xy$ $= 2x^2 - 4xy - 3x + 6y$ $= 2x(x - 2y) - 3(x - 2y)$ $= (2x - 3)(x - 2y)$	M1 A1 2	or equivalent
14.	$x^2 \sin 30^\circ = 34$ $x = \sqrt{\frac{34}{\sin 30}}$ $\simeq 8 \text{ cm}$	M1 M1 A1 3	

15.



- (a) $\triangle PQR$
 $\triangle P'Q'R'$
 (b) Centre of enlargement $(1, -2)$
 Scale factor of enlargement $= \frac{10}{5} = 2$

B1
 B1
 B1
 B1

4

16.

$$\frac{L}{2.1} = \frac{L+5}{3.5}$$

$$3.5L - 2.1L = 10.5$$

$$L = 7.5$$

$$L = 5 + 7.5 = 12.5$$

Curved area

$$= \frac{22}{7} \times (3.5 \times 12.5 - 2.1 \times 7.5)$$

$$= 88 \text{ cm}^2$$

M1

M1

M1

A1

4

for area
 for difference



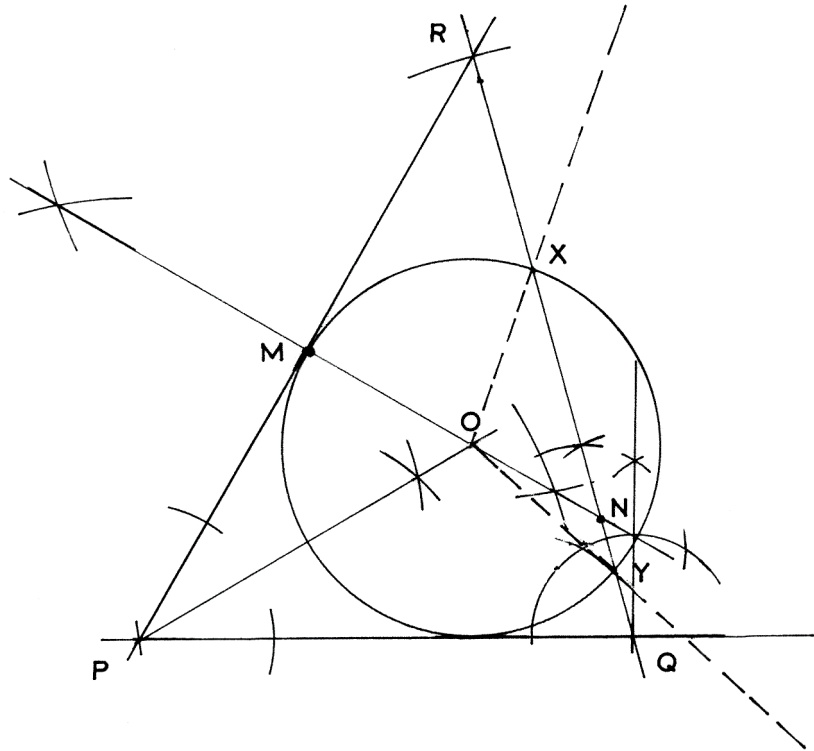
17.	(a) (i) Mumo's contribution:	$= \frac{25}{100} \times (30000 + 50000)$	M1	
		$= 20000$	A1	
	(ii) Ratio - Keya : Limo : Mumo	$= 30000:50000:20000$	M1	
		$= 3:5:2$	A1	
	(b) Mumo's share of profit	$= \frac{2}{10} \times 25000$	M1	
		$= 5000$	A1	
	(c) (i)	$20000 + x = 80000 \times \frac{7}{8}$	M1	
		$x = 50000$	A1	
	(ii) Mumo's % contribution in business during 2 nd year	$= \frac{70000}{150000} \times 100$	M1	or $\frac{7}{15} \times 100\%$ M1
		$= 46\frac{2}{3}\%$	A1	$= 46\frac{2}{3}\%$ A1
			10	

18.	(a) $1.54l = 1540 \text{ cm}^3$	B1		
	Volume = $\frac{22}{7} \times r^2 \times 10 = 1540$	M1		
	$r = \sqrt{\frac{1540 \times 7}{22 \times 10}}$			
	$= 7$			
	\therefore Diameter = $2 \times 7 = 14 \text{ cm}$	A1		
	(b) (i) Length of ribbon	M1		
	$= 2 \times \frac{22}{7} \times 14 + 2 \times 2$	M1		addition of the overlap
	$= 88 + 4 = 92$	A1		
	(ii) Surface area covered by ribbon			
	$= 88 \times 1.5 = 132 \text{ cm}^2$	B1		
(c) Surface area				
$= \frac{22}{7} \times 49 + \frac{22}{7} \times 14 \times 10$	M1			
$= 154 + 440$	M1			
$= 594 \text{ cm}^2$	A1			
	10			

19.	(a) Scale used:		
	9 cm represent 90 m	B1	
	\therefore scale 1:1000	B1	
	(b) (i) perimeter of homestead		
	$(2 \times 10) \times 4$	M1	
	$= 80 \text{ m}$	A1	
	(ii) Area of piece of land in ha.		
	$AB = 13.8 \times 10 = 138;$ $BC = 6 \times 10 = 60$		
	$\frac{\frac{1}{2}(60 + 90) \times 138}{10000}$	M1 M1	conversion to Hectares
	$= 1.035 \text{ ha}$	A1	
(c) \perp distance from centre of homestead to side CD shown	B1		
Distance, 3.6 cm, on map	B1		
Actual distance $3.6 \times 10 = 36 \text{ m}$	B1		
	10		

20.	<p>(a) Gradient of L_1</p> $= \frac{1 - 2}{6 - 3}$ $= \frac{1}{3}$ <p>equation of L_1</p> $= \frac{y - 1}{x - 6} = \frac{1}{3}$ $3y - 3 = x - 6$ $3y = x - 3$ $y = \frac{1}{3}x - 1$ <p>(b) Gradient of L_2</p> $= \frac{-1}{\frac{1}{3}}$ $= -3$ <p>\therefore equation $\frac{y - 2}{x - 1} = -3$</p> $y = -3x - 1$ $\Rightarrow 3x + y + 1 = 0$ <p>(c) equation of L_3</p> $\frac{y - 1}{x - 1} = -3$ $y - 1 = -3(x - 1)$ $y = -3x + 4$ <p>x intercept: when $y = 0$, $x = \frac{4}{3}$ \therefore coordinates of x intercepts $(\frac{4}{3}, 0)$</p> <p>y intercept: when $x = 0$, $y = 4$ \therefore coordinates of y intercept $(0, 4)$</p>	<p>M1</p> <p>M1</p> <p>A1</p> <p>M1</p> <p>M1</p> <p>A1</p> <p>M1</p> <p>A1</p> <p>B1</p> <p>B1</p> <p>10</p>	
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21.



(a) Lines PQ and PR
 angle 75° constructed
 completion of $\triangle PQR$.

B1
B1
B1
B1

(b) (i) \perp bisector of PR
 (ii) angle bisector $\angle QPR$
 $\angle POM = 60^\circ \pm 1^\circ$
 (iii) circle with radius OM
 $XY = 4.3 \pm 0.1$
 $\angle XOY = 114^\circ \pm 1^\circ$

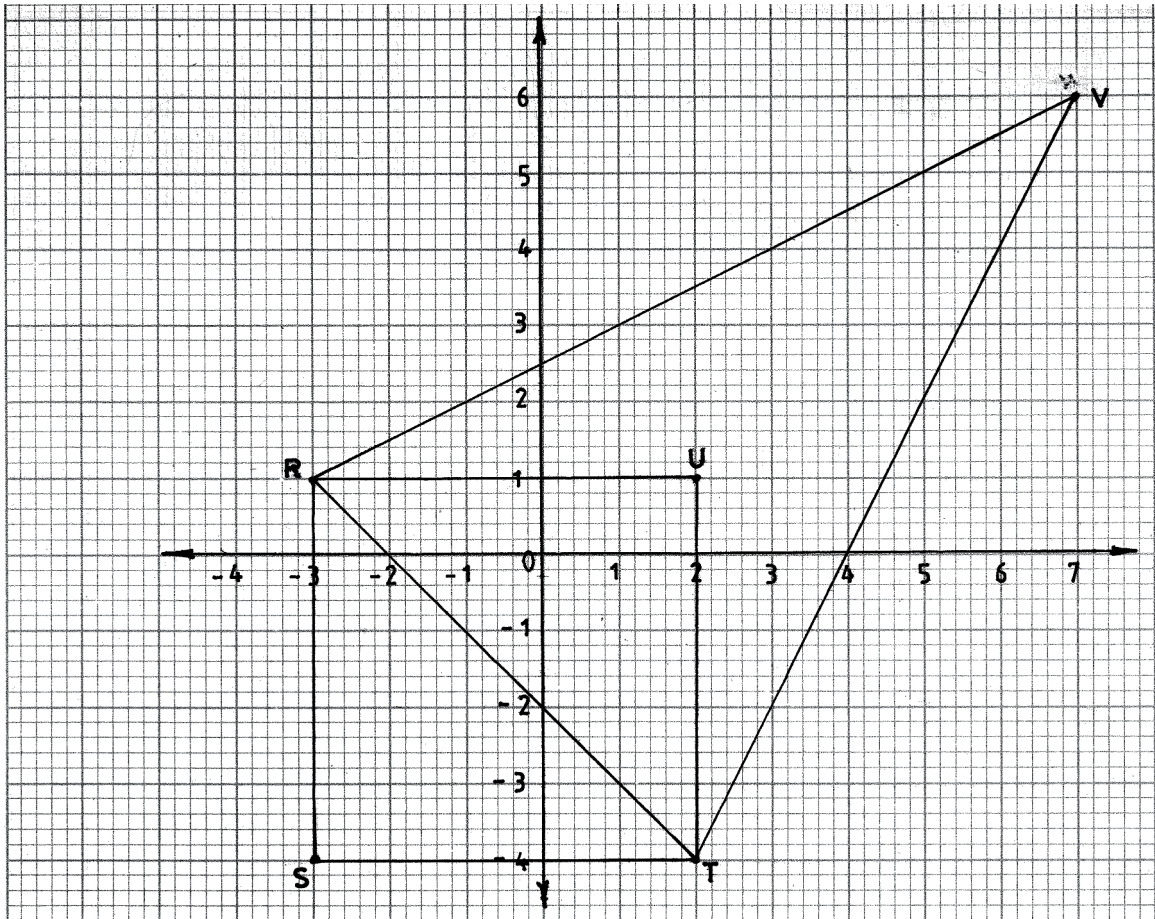
B1
B1
B1
B1
B1
B1
B1

10

22.	(a) (i)	$\frac{400\text{m}}{64\text{s}}$	M1		
		= 6.25 m/s	A1		
	(ii)	speed during second lap			
		6.25×1.06 6.625 m/s	M1 A1		
	(b) (i)	total time for two laps			
		time for 2 nd lap = $\frac{400}{6.625}$	M1		
		$\simeq 60.38 \text{ s}$			
		total time = 64 + 60.38 = 124.38 s	M1 A1		
		(ii) average speed in km/h			
		$\frac{800}{124.38} \text{ m/s}$	M1		✓ conversion
	= $\frac{800}{124.38} \times \frac{3600}{1000}$	M1			
	= 23.15 km/h	A1			
		10			

23.	(a) (i) amount of money spent	$= \frac{420}{8} \times 20 + 50$	M1		
		$= 1100$	A1		
	(ii) number of bananas sold	$= 420 + \frac{420}{70} - 14$			
		$= 412$	B1		
	(b) (i) s.p. of bananas	$= 1100 \times 1.6$	M1		
		$= 1760$			
		let x be number of bananas sold at sh 30			
		$\therefore \frac{x}{5} \times 30 + \frac{412-x}{3} \times 10 = 1760$	M1		
		$18x + 412 - 10x = 1760$	M1		
		$x = 145$	A1		
		(ii) No of bananas sold at sh 10			
		$= 412 - 145 = 267$	B1		
		Amount of money obtained			
$= \frac{267}{3} \times 10$		M1			
$= 890$	A1				
		10			

24.

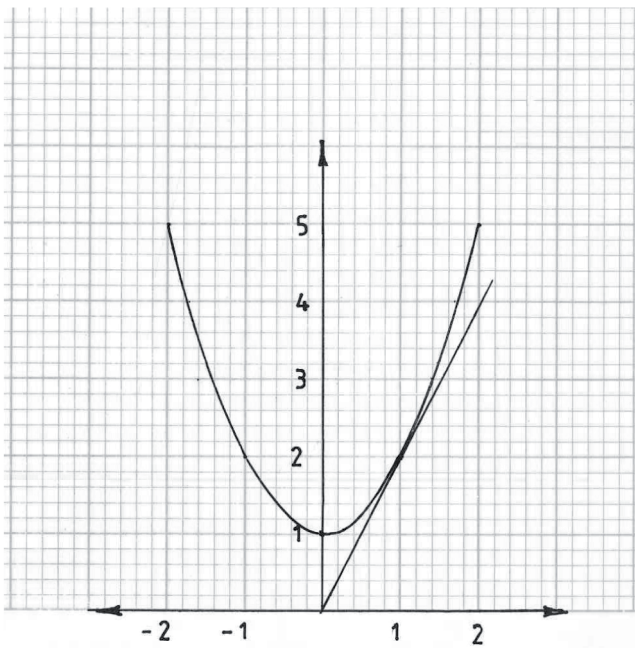


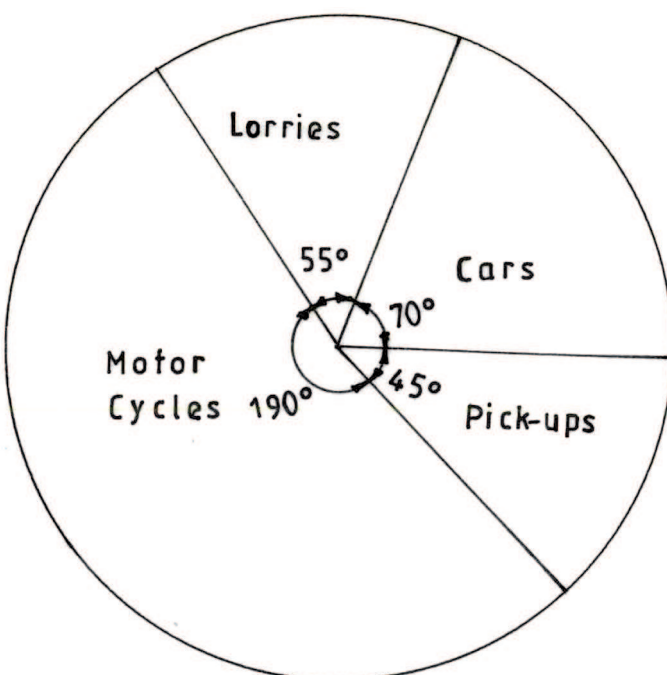
- | | |
|--|---|
| <p>(a) (i) $\triangle RST$ ✓ drawn</p> <p>(ii) Area of $\triangle RST$: $\frac{1}{2} \times 5^2$
 $= 12.5$</p> | <p>B1</p> <p>M1</p> <p>A1</p> |
| <p>(b) (i) Plotting point U
 coordinates of point U (2, 1)</p> <p>(ii) Plotting of point V
 coordinates of point V (7, 6)</p> | <p>B1</p> <p>B1</p> <p>B1</p> <p>B1</p> |
| <p>(c) Area of quadrilateral RSTV
 diagonals $RT = \sqrt{50}$
 and $SV = \sqrt{200}$</p> <p>\therefore Area $= \frac{1}{2} \times \sqrt{50} \times \sqrt{200}$</p> <p>$= \frac{1}{2} \times 5\sqrt{2} \times 10\sqrt{2}$</p> <p>$= 50$</p> | <p>B1 for RT and SV</p> <p>M1</p> <p>A1</p> <p>10</p> |

4.3.4 Mathematics Alternative B Paper 2 (122/2)

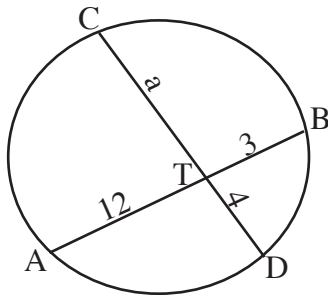
1.	$\frac{(0.214)^{\frac{1}{2}} - (0.38)^3}{(0.817)^{\frac{1}{4}}} = \frac{0.40772934}{0.950726313}$ $= 0.4289$	B1 B1	
		2	
2.	<p>(a) $\frac{ar^5}{ar^2} = \frac{5}{32} \times \frac{4}{5}$</p> $r^3 = \frac{1}{8} \Rightarrow r = \frac{1}{2}$ <p>(b) $ar^2 = \frac{5}{4}$</p> $a \times \left(\frac{1}{2}\right)^2 = \frac{5}{4} \Rightarrow a = \frac{5}{4} \times \frac{4}{1}$ $a = 5$	M1 A1 M1 A1	
		4	
3.	$\frac{1}{2} \times 4a \{3a + (3a + 3)\} = 60$ $2a(6a + 3) = 60$ $12a^2 + 6a - 60 = 0$ $2a^2 + a - 10 = 0$ $(2a + 5)(a - 2) = 0$ $a = 2 \text{ or } a = -\frac{5}{2}$ $a = 2$	M1 M1 A1	
		3	
4.	<p>Complete squares = 12</p> <p>Part squares = 20</p> <p>Approx. area = $12 + \frac{20}{2}$</p> $= 22$	B1 M1 A1	for 12 and 20
		3	

5.	$A = 48000 (1.05)^3$ $= 55\,566$ <p>Interest = 55 566 - 48 000</p> $= 7\,566$	M1 A1 B1	
3			
6.	$3(4\bar{i} + 5\bar{j}) - 2(8\bar{i} - 3\bar{j}) = p\bar{i} + 3q\bar{j}$ $12\bar{i} + 15\bar{j} - 16\bar{i} + 6\bar{j} = p\bar{i} + 3q\bar{j}$ $-4\bar{i} + 21\bar{j} = p\bar{i} + 3q\bar{j}$ $\therefore p = -4$ $3q = 21 \Rightarrow q = 7$	M1 M1 A1	for $-4i + 21j$ for both $p = -4$ and $q = 7$
3			
7.	<p>In 1h A does $\frac{1}{8}$ of work</p> <p>B does $\frac{1}{10}$ of work</p> <p>In 3h both A and B do $3\left(\frac{1}{8} + \frac{1}{10}\right)$</p> $= \frac{27}{40} \text{ of work}$ <p>Remaining piece of work</p> $= 1 - \frac{27}{40}$ $= \frac{13}{40}$ <p>Time for A to complete the remaining work</p> $= \frac{13}{40} \div \frac{1}{8}$ $= 2\frac{3}{5} \text{ h}$	M1 M1 M1 A1	
4			

8.	 <p>tangent at A</p> $\text{gradient} = \frac{4 - 0}{2 - 0}$ $= 2$	B1 M1 A1	
		3	
9.	$\tan^{-1} \sqrt{3} = 60$ $2\theta - 30 = 60^\circ, 240^\circ, 420^\circ, 600^\circ$ $2\theta = 90^\circ, 270^\circ, 450^\circ, 630^\circ$ $\theta = 45^\circ, 135^\circ, 225^\circ, 315^\circ$	B1 B1 B1	
		3	
10.	<p>Longitude difference = $50^\circ + 22^\circ$</p> $= 72^\circ$ <p>Distance = $\frac{72}{360} \times \frac{22}{7} \times 2 \times 6370$</p> $= 8008 \text{ km}$	M1 M1 A1	
		3	

11.	$\det \begin{pmatrix} 8 & 3 \\ 4 & 2 \end{pmatrix} = 16 - 12 = 4$ $\text{Matrix N} = \frac{1}{4} \begin{pmatrix} 2 & -3 \\ -4 & 8 \end{pmatrix}$ $= \begin{pmatrix} \frac{1}{2} & -\frac{3}{4} \\ -1 & 2 \end{pmatrix}$	B1 M1 A1 3	
12.	$5x + 6y = 50$ $7x + 5y = 53$ $42x + 30y = 318$ $25x + 30y = 250$ $17x = 68$ $x = 4$ $20 + 6y = 50 \Rightarrow y = 5$	M1 M1 A1 B1 4	for both equations set
13.	<p>Angle for:</p> $\text{Cars} = \frac{14}{72} \times 360^\circ = 70^\circ$ $\text{Lorries} = \frac{11}{72} \times 360^\circ = 55^\circ$ $\text{Motor cycle} = \frac{38}{72} \times 360^\circ = 190^\circ$ $\text{Pick ups} = \frac{9}{72} \times 360^\circ = 45^\circ$ 	B2 B1 3	All angles correct (allow B1 for 3 correct)

14.	<p>Area scale factor = Det of matrix</p> $= \frac{4}{9} - 0$ $= \frac{4}{9}$ <p>Area of A'B'C'D' = $\frac{4}{9} \times 27$</p> $= 12 \text{ cm}^2$	M1 M1 A1 3	
15.	<p>(a)</p> <p>(b) Constant of proportionality =</p> $\text{Gradient} = \frac{24 - 12}{20 - 10} = 1.2$	P1 L1 B1 3	✓ plotting ✓ line drawn or equivalent

16.	<p>Let $CT = a$</p> <p>$AT.TB = CT.TD$</p> <p>$12 \times 3 = a \times 4$</p> <p>$a = \frac{12 \times 3}{4}$</p> <p>$= 9$</p> <p>$CT : TD = 9:4$</p>	<p>M1</p> <p>A1</p> <p>B1</p>	
3			
17.	<p>(a) (i) $40000 \times \frac{20.5}{100}$</p> <p>$= 8200$</p> <p>(ii) total hire purchase price</p> <p>$= 8200 + 12 \times 4800$</p> <p>$= 65800$</p> <p>(iii) deposit as percentage of hire purchase price</p> <p>$= \frac{8200}{65800} \times 100\%$</p> <p>$= 12.46200608 = 12.5\%$</p> <p>(iv) h.p. price more than cash price</p> <p>$= 65800 - 40000 = 25800$</p> <p>(b) Bidii's deposit as percentage of cash price</p> <p>$= 65800 - (12 \times 4000)$</p> <p>$= 17800$</p> <p>$\%age = \frac{17800}{40000} \times 100\%$</p> <p>$= 44.5\%$</p>	<p>M1</p> <p>A1</p> <p>M1</p> <p>A1</p> <p>M1</p> <p>A1</p> <p>B1</p> <p>M1</p> <p>A1</p> <p>B1</p> <p>10</p>	

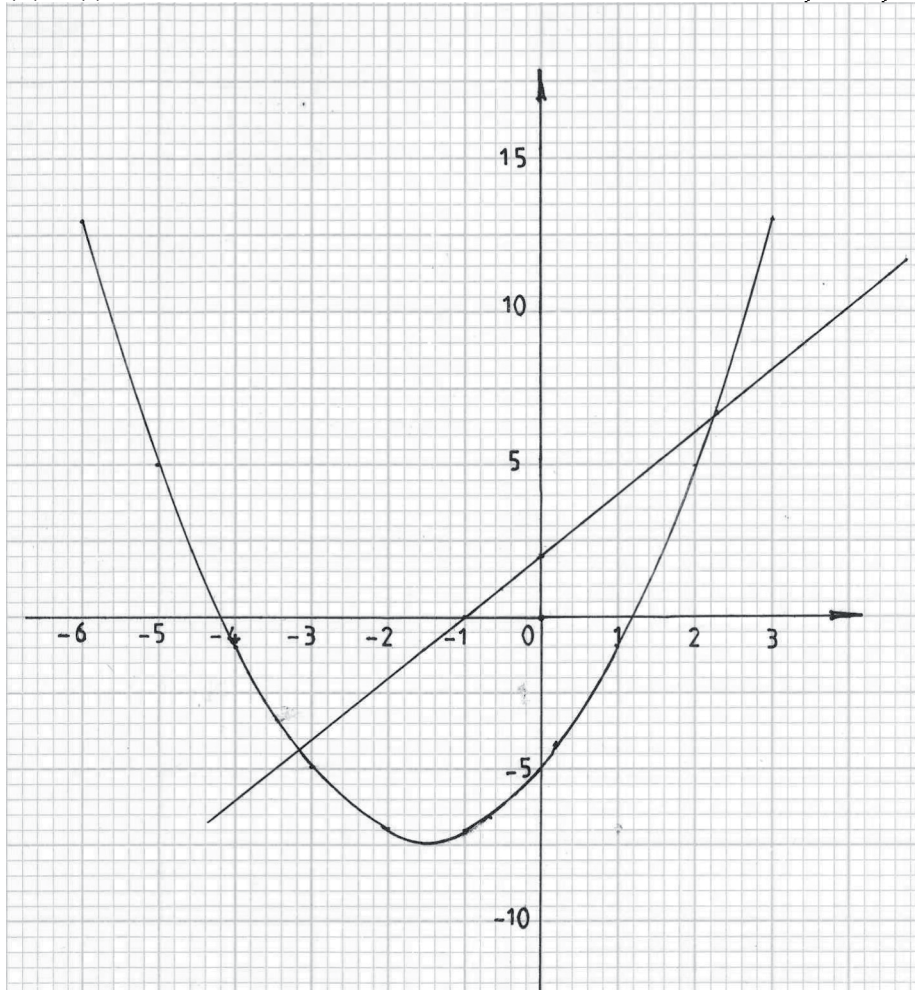
18.	(a)		
	(i) let number of pieces be n		
	$15 = 0.5 + (n - 1) \times 0.25$	M1	
	$0.25n = 14.75$		
	$n = 59$	A1	
	(ii) length of 10th piece		
	$= 0.5 + (10 - 1)0.25$	M1	
	$= 0.5 + 9 \times 0.25 = 2.75 \text{ m}$	A1	
	(iii) $S_{59} = \frac{59}{2} \{2 \times 0.5 + 58 \times 0.25\}$	M1	
	$= 457.25 \text{ m}$	A1	
(b)			
$63 = \frac{n}{2} \{2 \times 0.5 + (n - 1)0.25\}$	M1		
$126 = n \{1 + 0.25n - 0.25\}$			
$0.75n + 0.25n^2 = 126$			
$n^2 + 3n - 504 = 0$			
$(n + 24)(n - 21) = 0$	M1	or equivalent	
$n = -24 \text{ or } 21$	A1		
$n = 21$	B1		
			10

19. (a)

x	-6	-5	-4	-3	-2	-1	0	1	2	3
y	13	5	(-1)	-5	-7	-7	(-5)	-1	5	13

(b) (i)

B2 (allow B1 for 5 values ✓)



(ii) -4.2, 1.2

c(i)
(-3.2, -4.5)
(2.2, 6.5)

S1
P1
C1
B1
B1
L1
B1
B1

✓ coordinates

10

20. (a) The mean:

$$= \frac{2 \times 34.5 + 4 \times 44.5 + 10 \times 54.5 + 13 \times 64.5 + 14 \times 74.5 + 5 \times 84.5 + 2 \times 94.5}{50}$$

$$= \frac{3285}{50}$$

$$= 65.7$$

(b)

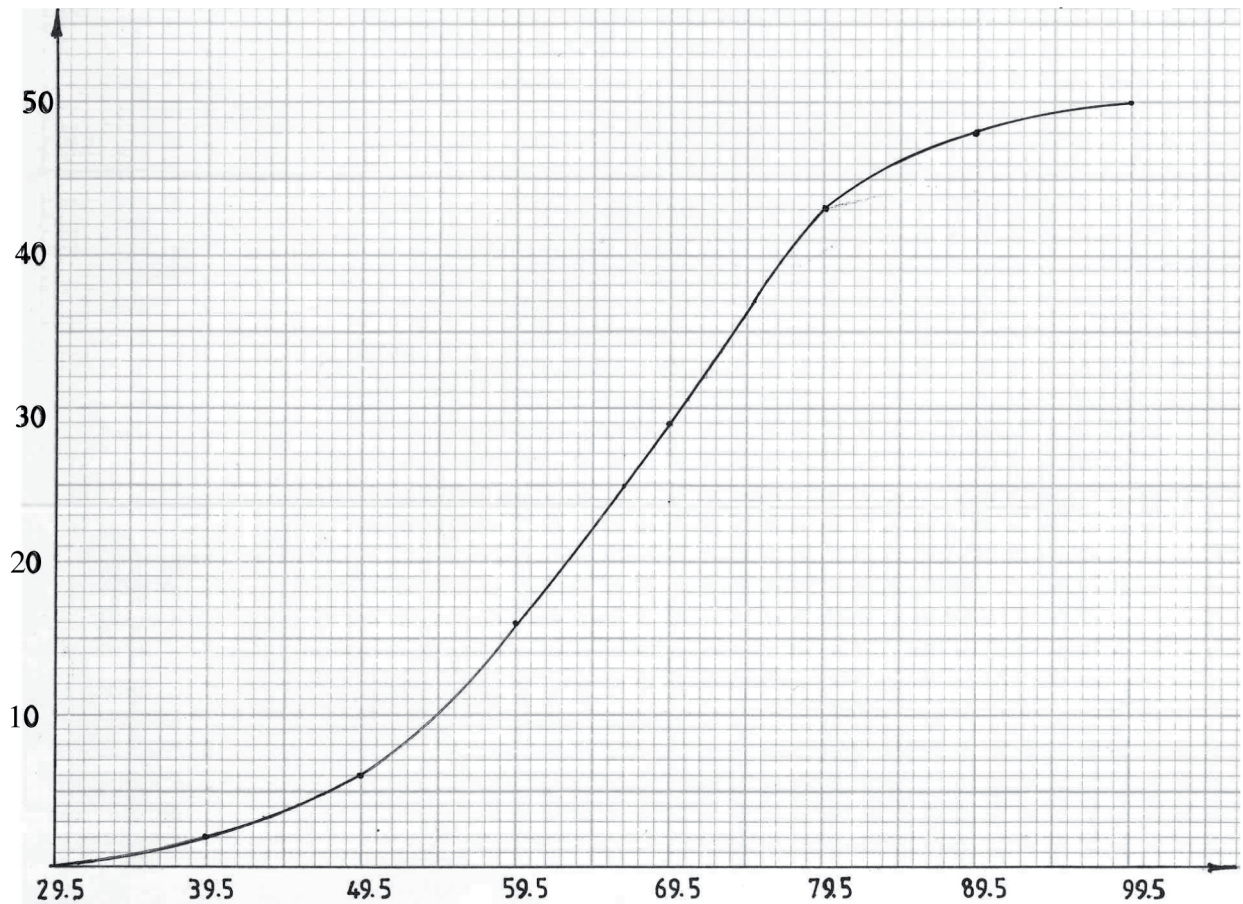
Marks	30-39	40-49	50-59	60-69	70-79	80-89	90-99
frequency	2	4	10	13	14	5	2
cf	2	6	16	29	43	48	50

B1 mid points for Σfx

A1

B1

\surd cfs



(c) (i) median : 66.5

(ii) position of student who scores 75 = 37th

S1
P1
C1

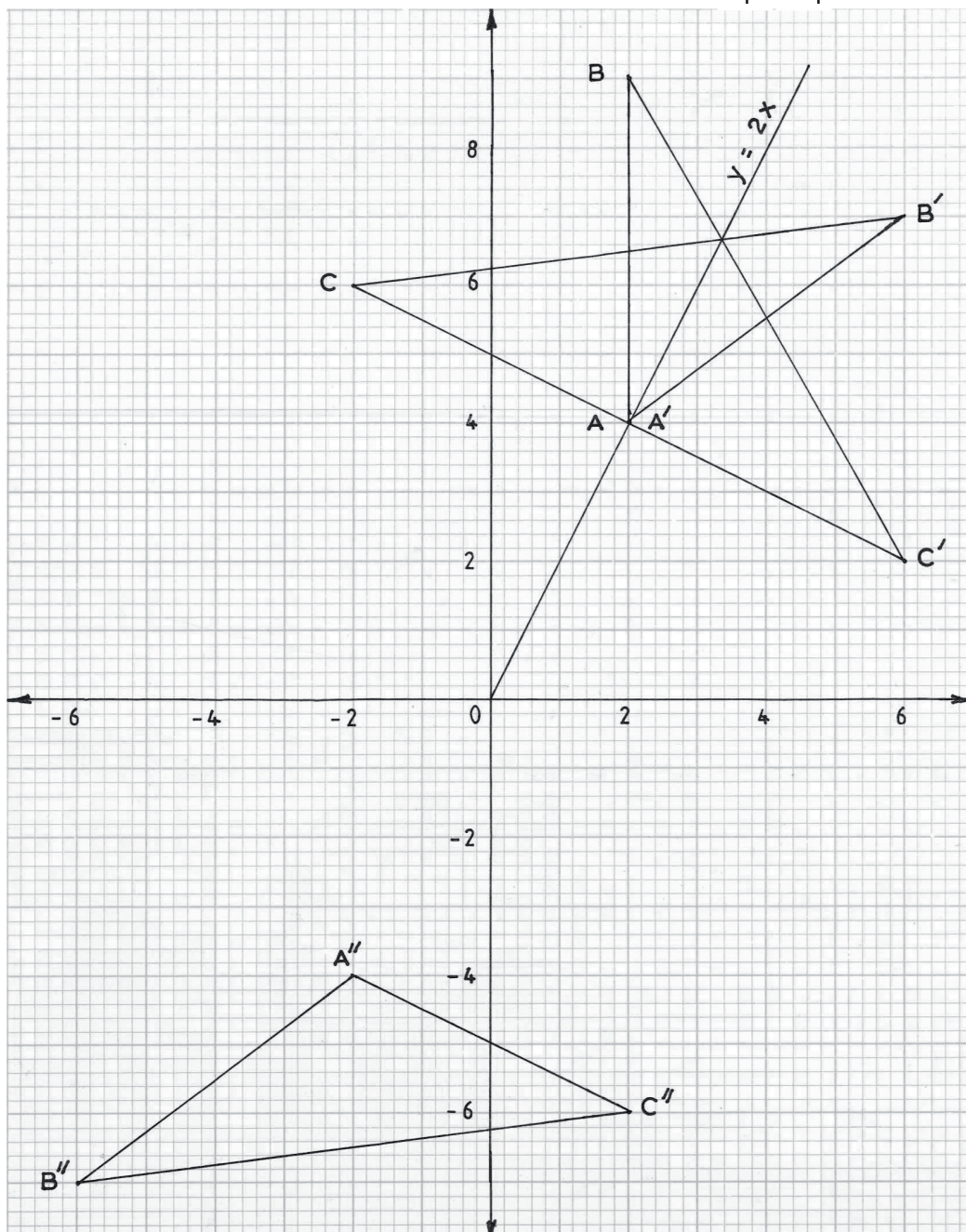
B1 25th pos
B1 for 66.5

B1

21.	(a) $AD = \sqrt{9.2^2 - 6^2}$	M1	
	$= 7.0$	A1	
	(b) Angle ABD = $\cos^{-1} \frac{6}{9.2}$	M1	
	$= 49.3^\circ$	A1	
	(c) $\frac{BC}{9.2} = \tan 40^\circ$	M1	
	$BC = 9.2 \tan 40$		
	$= 7.7$	A1	
	(d) Area of ΔACD :		
	$\angle ADB = 90^\circ - 49.3^\circ = 40.7$	B1	
	Side DC: $\frac{9.2}{DC} = \cos 40^\circ$		
$DC = \frac{9.2}{\cos 40^\circ} = 12 \text{ cm}$	B1		
\therefore Area ΔACD			
$= \frac{1}{2} AD \times DC \sin (40 + 40.7)$			
$= \frac{1}{2} \times 7 \times 12 \times \sin 80.7$	M1		
$= 41.4 \text{ cm}^2$	A1		
	10		

22.	(a) P(Daudi uses a train and is punctual)		
	$= 0.3 \times 0.8$	M1	
	$= 0.24$	A1	
	(b) P(Daudi uses bus and is late for work)		
	$= 0.5 \times 0.3$	M1	
	$= 0.15$	A1	
	(c) P(Daudi punctual)		
	$= 0.3 \times 0.8 + 0.5 \times 0.7 + 0.2 \times 0.9$	M1	
	$= 0.24 + 0.35 + 0.18$		
	$= 0.77$	A1	
	(d) P(Daudi late)		
	$= 1 - 0.77$	M1	
	$= 0.23$	A1	
	(e) P(Daudi uses train or bus and is punctual)		
$= 0.3 \times 0.8 + 0.5 \times 0.7$	M1		
$= 0.59$	A1		
			10

23.



(a) (i)

(ii) $\begin{pmatrix} -3/5 & 4/5 \\ 4/5 & 3/5 \end{pmatrix} \begin{pmatrix} 2 & 2 & 6 \\ 4 & 9 & 2 \end{pmatrix} = \begin{pmatrix} 2 & 6 & -2 \\ 4 & 7 & 6 \end{pmatrix}$

(b) Reflection in line $y = 2x$

(c) (i)

(ii) matrix of H = $\begin{pmatrix} -1 & 0 \\ 0 & -1 \end{pmatrix}$

(d) $HT = \begin{pmatrix} -1 & 0 \\ 0 & -1 \end{pmatrix} \begin{pmatrix} -3/5 & 4/5 \\ 4/5 & 3/5 \end{pmatrix} = \begin{pmatrix} 3/5 & -4/5 \\ -4/5 & -3/5 \end{pmatrix}$

- B1 ΔABC drawn
- M1
- A1
- B1 $\Delta A'B'C'$ \checkmark drawn
- B1 reflection
- B1 equation $y = 2x$
- B1 $\Delta A''B''C''$ \checkmark drawn
- B1

M1 or equivalent
A1

10

24.							
	Dr			Cr			
	Date 2014	Particulars	Sh Cts	Date 2014	Particulars	Sh Cts	
	January			January			
	1	Balance	3250.00	3	Oranges	9000.00	
	5	Orange	11750.00	4	Pawpaw	1650.00	
	6	Pawpaw	1812.50	4	Vegetables	700.00	
	6	Vegetable	1140.00	4	Transport	200.00	
				8	Market fees	150.00	
				10	Wages	400.00	
				11	Balance	5852.50	
			17952.50			17952.50	
	<p>Oranges sales = 11750.00 Pawpaw sales = 1812.50 Oranges purchase = 9000.00 Pawpaw purchase = 1650.00 all other entries correct</p> <p>Totals Dr/Cr columns = 17952.50</p> <p>Balance on 11/01/2011</p> <p>= Sh 17952.50 - (900 + 1650 + 700 + 200 + 150 + 400)</p> <p>= 5852.50</p>						<p>B1 B1 B1 B1 B2</p> <p>M1 A1</p> <p>M1 A1</p>
						10	