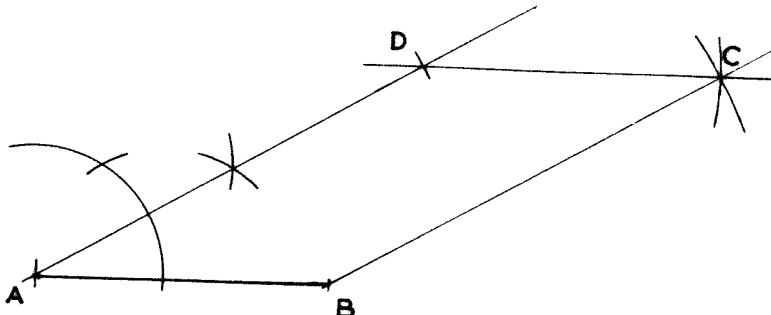
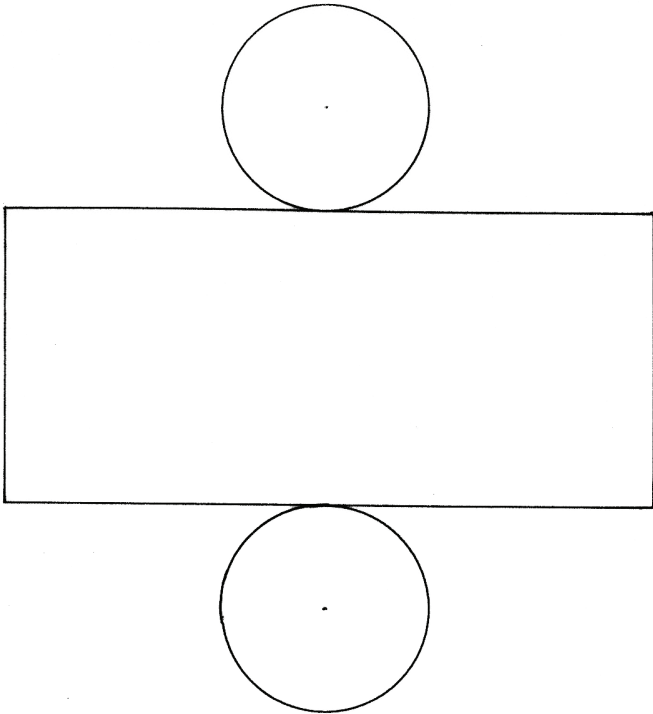


4.3.3 Mathematics Alternative B (122/1)

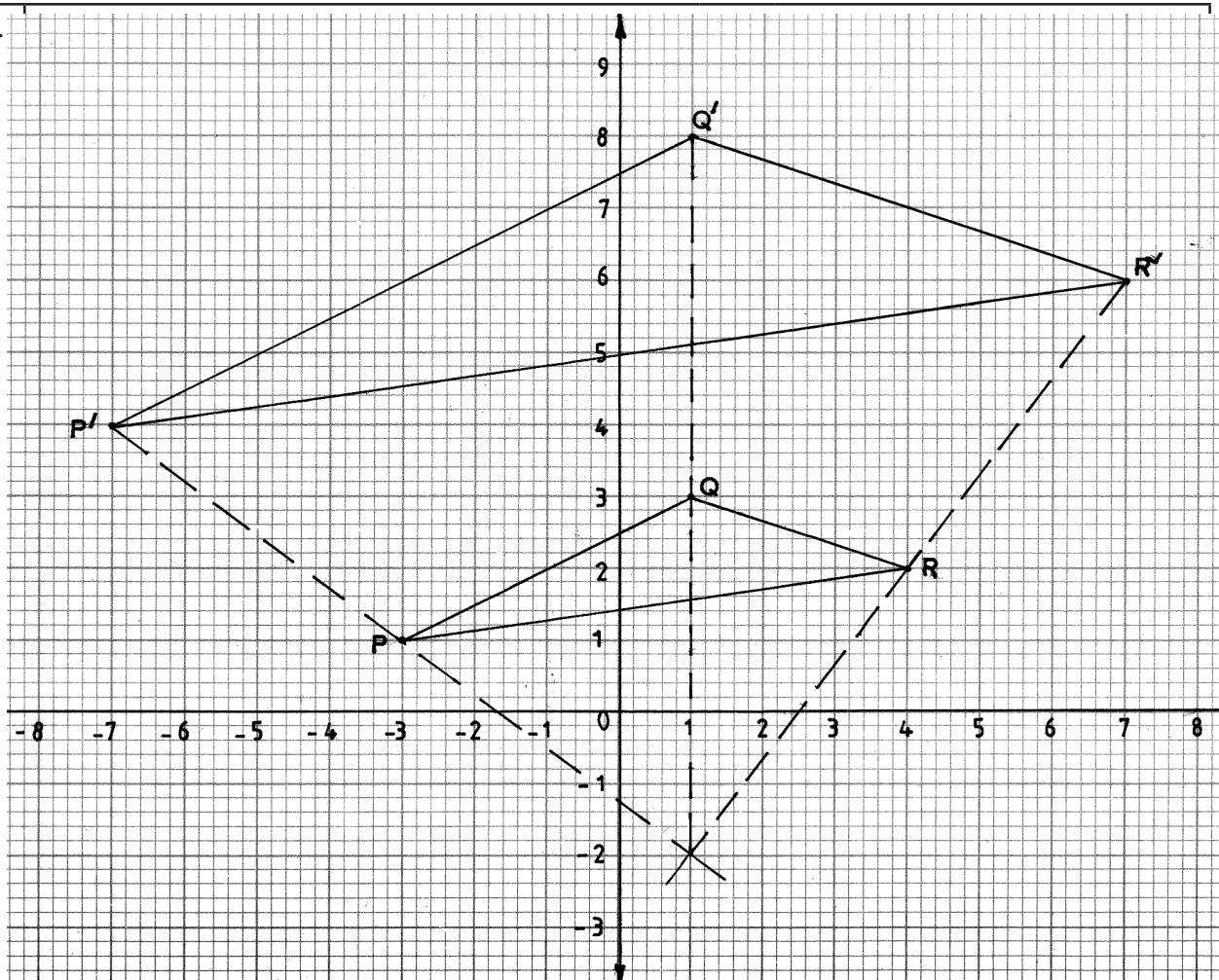
1.	$\frac{-8 \times +2 + -11}{+18 \div -2 \times +3} = \frac{-27}{-27}$ $= 1$	M1	
		A1	
		2	
2.	Number of boys = $630 - 84$ = 546 Number of students = $630 + 546$ = 1176 Number of parents = $1176 \div 4$ = 294	M1	
		M1	
		A1	
3.	$3(78 - y) + 5y = 300$ $2y = 66$ $y = 33$ $\therefore x = 78 - 48 = 45$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

6.		<table><tr><td>B1</td><td>✓ construction of 30°</td></tr><tr><td>B1</td><td>✓ construction of AD = 6 cm</td></tr><tr><td>B1</td><td>identifying C and completing parallelogram</td></tr><tr><td>3</td><td></td></tr></table>	B1	✓ construction of 30°	B1	✓ construction of AD = 6 cm	B1	identifying C and completing parallelogram	3	
B1	✓ construction of 30°									
B1	✓ construction of AD = 6 cm									
B1	identifying C and completing parallelogram									
3										
7.	$4\alpha + \alpha + 10 = 90^\circ$ $5\alpha = 80^\circ$ $\alpha = 16^\circ$ $\sin \alpha = 0.276$	<table><tr><td>M1</td><td></td></tr><tr><td>A1</td><td></td></tr><tr><td>B1</td><td></td></tr><tr><td>3</td><td></td></tr></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><tr><td>M1</td><td>Evidence of division and multi-</td></tr><tr><td>M1</td><td>plication</td></tr><tr><td>A1</td><td>should be seen.</td></tr><tr><td>3</td><td></td></tr></table>	M1	Evidence of division and multi-	M1	plication	A1	should be seen.	3	
M1	Evidence of division and multi-									
M1	plication									
A1	should be seen.									
3										
9.	Mangoes: $2x + x + \frac{1}{3}x$ $= 3\frac{1}{3}x$ Oranges: $\frac{1}{3}y + y + \frac{2}{3}y = 2y$ Total Fruits = $3\frac{1}{3}x + 2y$	<table><tr><td>M1</td><td></td></tr><tr><td>M1</td><td></td></tr><tr><td>A1</td><td></td></tr><tr><td>3</td><td></td></tr></table>	M1		M1		A1		3	
M1										
M1										
A1										
3										

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

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

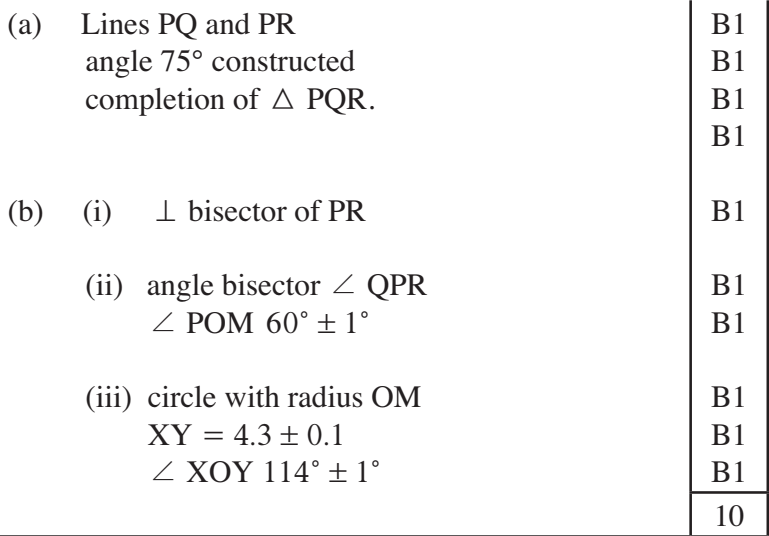
17.	(a) (i)	Mumo's contribution:		
		$= \frac{25}{100} \times (30000 + 50000)$	M1	
		$= 20000$	A1	
	(ii)	Ratio - Keya : Limo : Mumo		
		$= 30000:50000:20000$	M1	
		$= 3:5:2$	A1	
	(b)	Mumo's share of profit		
		$= \frac{2}{10} \times 25000$	M1	
		$= 5000$	A1	
	(c) (i)	$20000 + x = 80000 \times \frac{7}{8}$	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	addition of the overlap
	Volume $= \frac{22}{7} \times r^2 \times 10 = 1540$	M1	
	$r = \sqrt{\frac{1540 \times 7}{22 \times 10}}$		
	$= 7$		
	$\therefore \text{Diameter} = 2 \times 7 = 14 \text{ cm}$	A1	
	(b) (i) Length of ribbon	M1	
	$= 2 \times \frac{22}{7} \times 14 + 2 \times 2$	M1	
	$= 88 + 4 = 92$	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 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 ha	A1	
	(c) $\perp$ distance from centre of homestead to side CD shown	B1	
	Distance, 3.6 cm, on map	B1	
	Actual distance $3.6 \times 10 = 36$ m	B1	
		10	

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

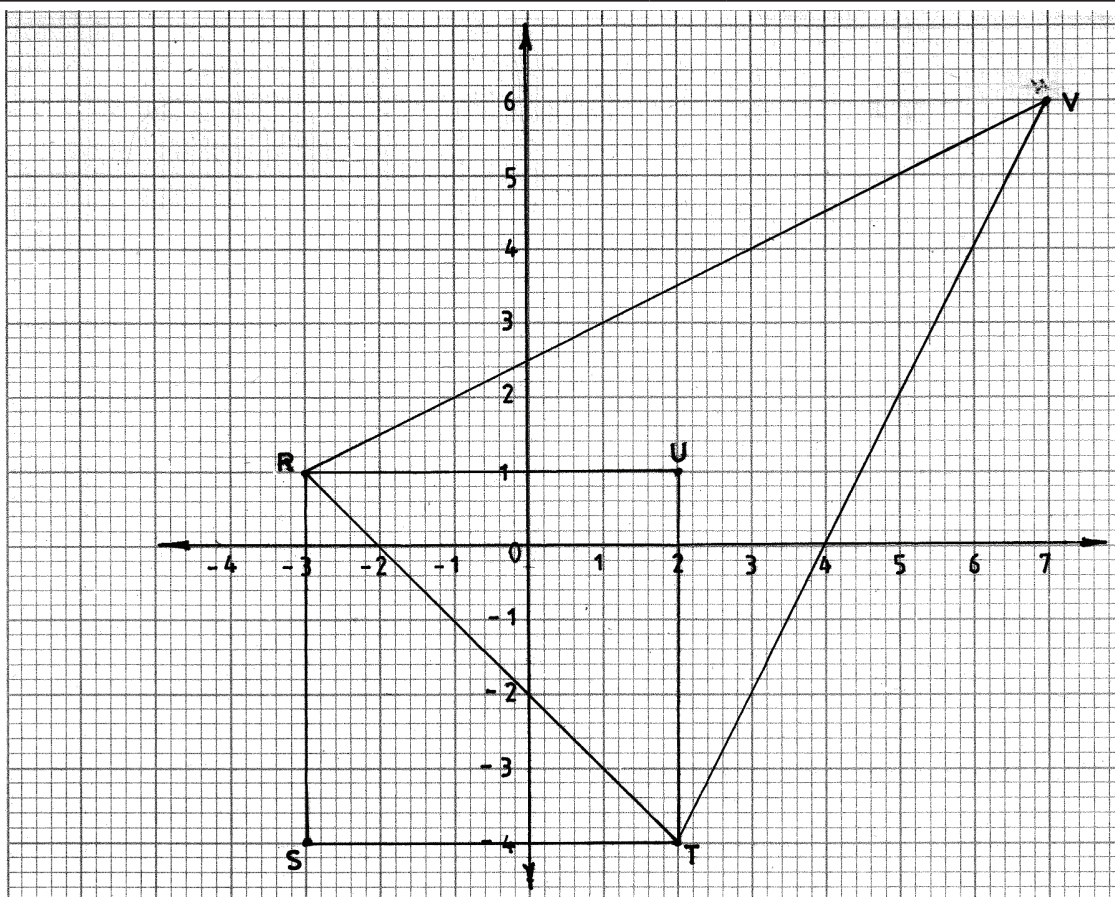
21.



22.	(a) (i)	$\frac{400\text{m}}{64\text{s}}$	M1	
		$= 6.25 \text{ m/s}$	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 $= 64 + 60.38$ $= 124.38 \text{ s}$	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	
		$= 23.15 \text{ km/h}$	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.

(a) (i) $\triangle RST$ ✓ drawn

B1

(ii) Area of $\triangle RST$: $\frac{1}{2} \times 5^2$
 $= 12.5$ M1
A1(b) (i) Plotting point U
coordinates of point U (2, 1)B1
B1(ii) Plotting of point V
coordinates of point V (7, 6)B1
B1(c) Area of quadrilateral RSTV
diagonals $RT = \sqrt{50}$
and $SV = \sqrt{200}$

B1 for RT and SV

$$\begin{aligned} \therefore \text{Area} &= \frac{1}{2} \times \sqrt{50} \times \sqrt{200} \\ &= \frac{1}{2} \times 5\sqrt{2} \times 10\sqrt{2} \\ &= 50 \end{aligned}$$

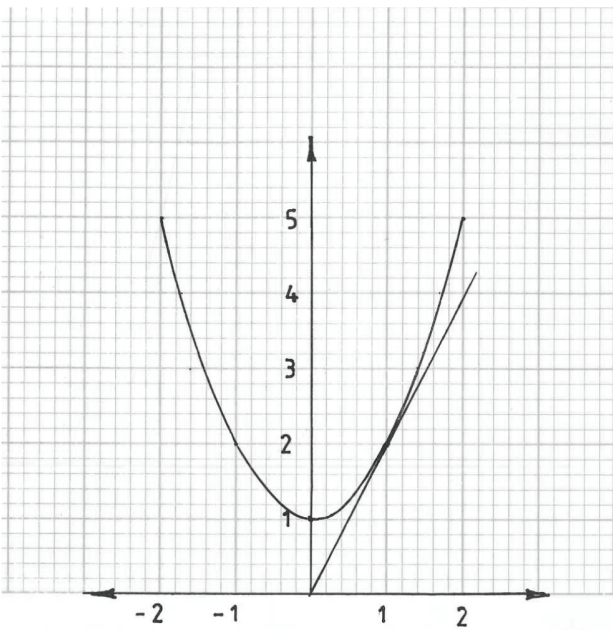
M1

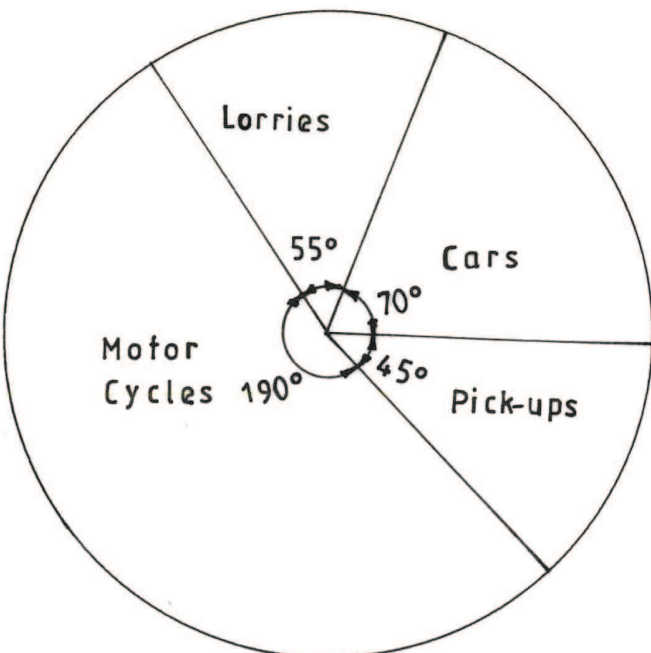
A1
10

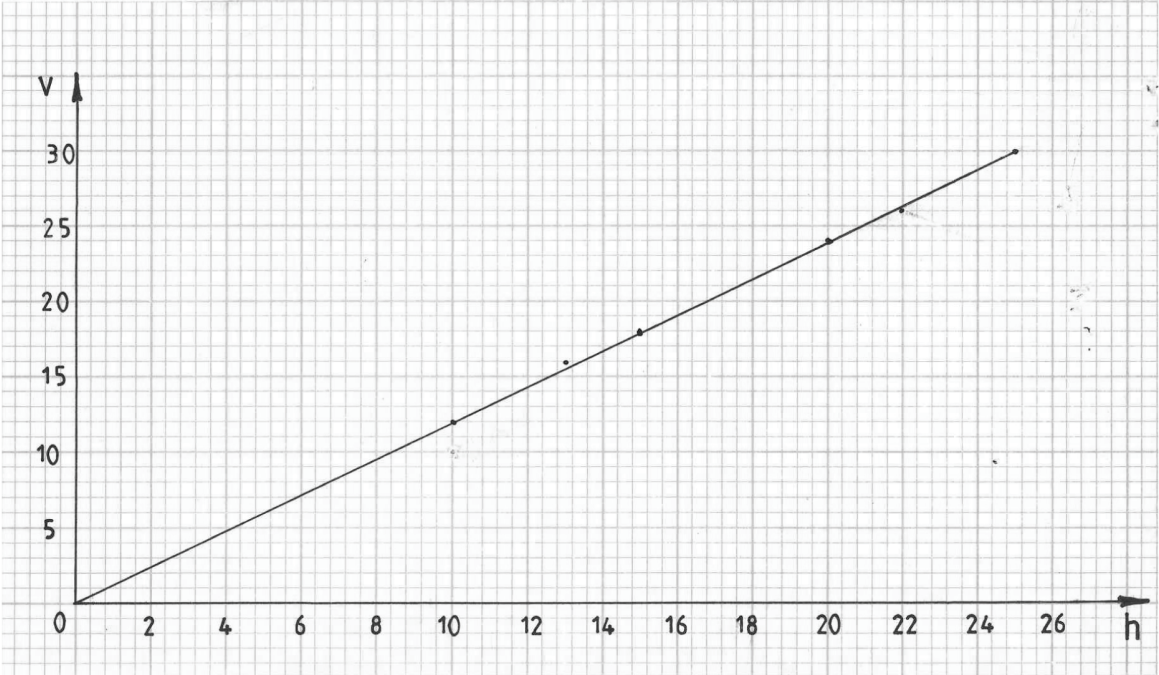
4.3.4 Mathematics Alternative B Paper 2 (122/2)

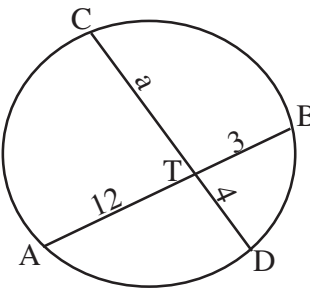
1.	$\frac{(0.214)^{\frac{1}{2}} - (0.38)^3}{(0.817)^{\frac{1}{4}}} = \frac{0.40772934}{0.950726313}$ $= 0.4289$	B1 B1	
		2	
2.	(a) $\frac{ar^5}{ar^2} = \frac{5}{32} \times \frac{4}{5}$ $r^3 = \frac{1}{8} \Rightarrow r = \frac{1}{2}$ (b) $ar^2 = \frac{5}{4}$ $a \times \left(\frac{1}{2}\right)^2 = \frac{5}{4}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

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

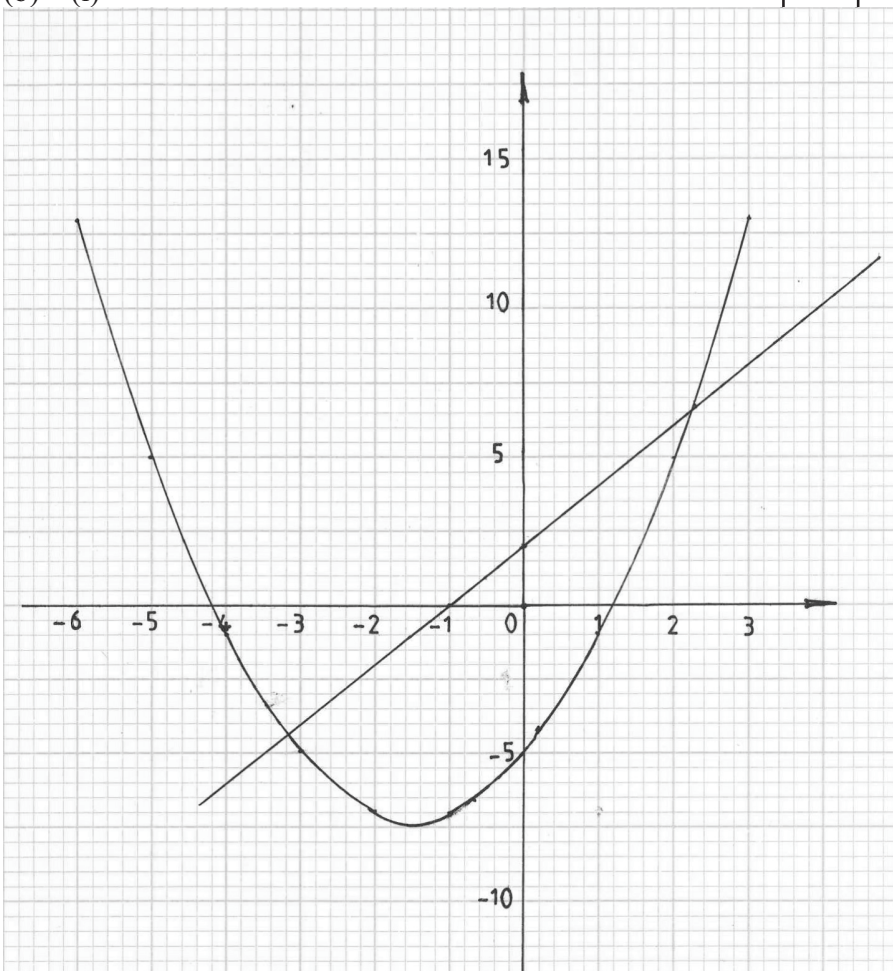
8.	 tangent at A $\text{gradient} = \frac{4 - 0}{2 - 0}$ $= 2$	B1 M1 A1 3	
9.	$\tan^{-1} \sqrt{3} = 60$ $2\theta - 30 = 60^\circ, 240^\circ, 420^\circ, 600^\circ$ $2\theta = 90^\circ, 270^\circ, 450^\circ, 630^\circ$ $\theta = 45^\circ, 135^\circ, 225^\circ, 315^\circ$	B1 B1 B1 3	
10.	Longitude difference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

11.	$\det \begin{pmatrix} 8 & 3 \\ 4 & 2 \end{pmatrix} = 16 - 12 = 4$ 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	
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	
13.	Angle for: Cars = $\frac{14}{72} \times 360^\circ = 70^\circ$ Lorries = $\frac{11}{72} \times 360^\circ = 55^\circ$ Motor cycle = $\frac{38}{72} \times 360^\circ = 190^\circ$ Pick ups = $\frac{9}{72} \times 360^\circ = 45^\circ$ 	3	for both equations set
		B1	
		4	

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

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

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	

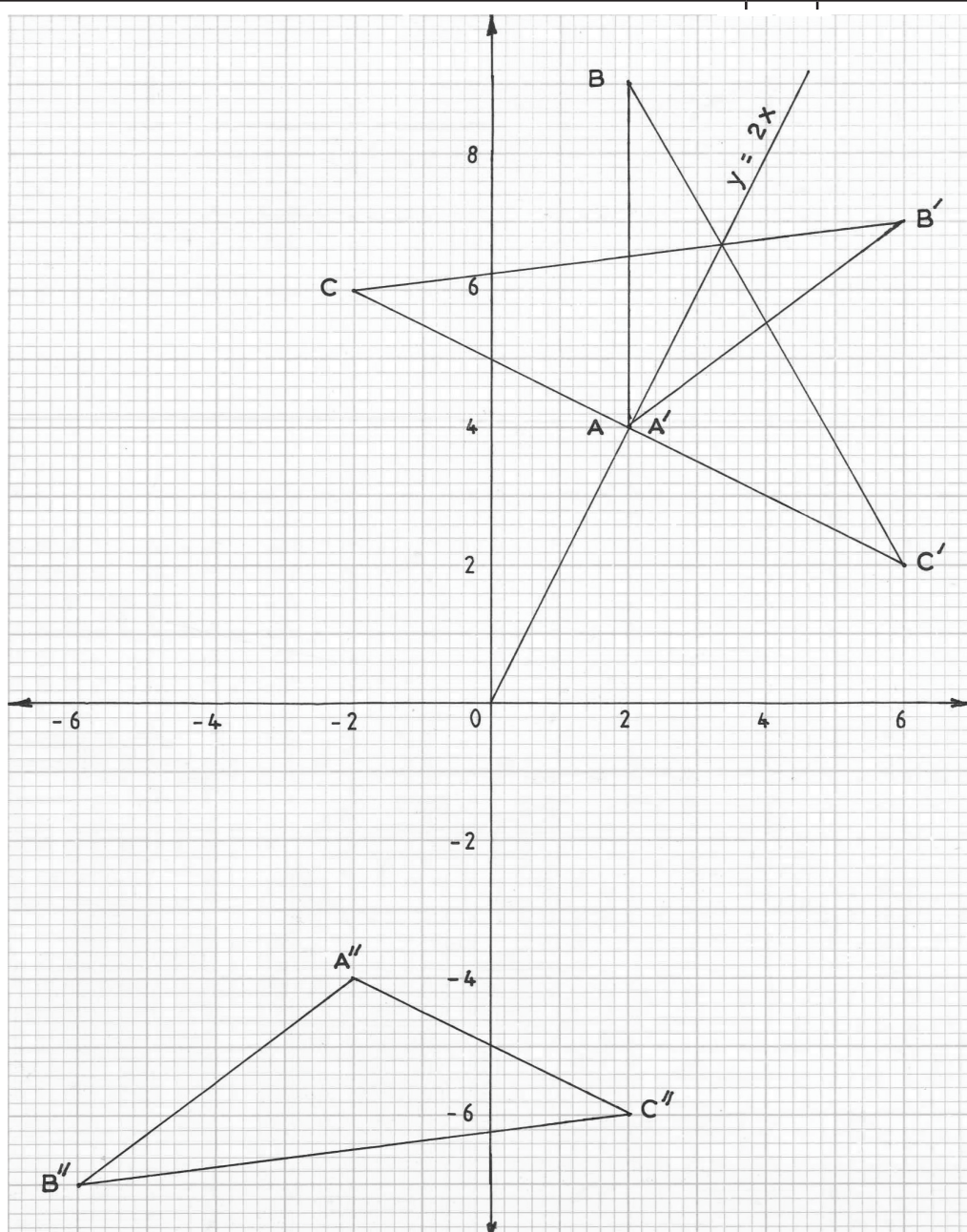
19.	(a)																										
		<table><tr><td>x</td><td>-6</td><td>-5</td><td>-4</td><td>-3</td><td>-2</td><td>-1</td><td>0</td><td>1</td><td>2</td><td>3</td></tr><tr><td>y</td><td>13</td><td>5</td><td>(-1)</td><td>-5</td><td>-7</td><td>-7</td><td>(-5)</td><td>-1</td><td>5</td><td>13</td></tr></table>	x	-6	-5	-4	-3	-2	-1	0	1	2	3	y	13	5	(-1)	-5	-7	-7	(-5)	-1	5	13			
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 ✓)																						
				<table><tr><td>S1</td><td rowspan="8">✓ coordinates</td></tr><tr><td>P1</td></tr><tr><td>C1</td></tr><tr><td>B1</td></tr><tr><td>B1</td></tr><tr><td>L1</td></tr><tr><td>B1</td></tr><tr><td>B1</td></tr><tr><td>10</td><td></td></tr></table>	S1	✓ coordinates	P1	C1	B1	B1	L1	B1	B1	10													
S1	✓ coordinates																										
P1																											
C1																											
B1																											
B1																											
L1																											
B1																											
B1																											
10																											

20.	(a) The mean:	$= \frac{2 \times 34.5 + 4 \times 44.5 + 10 \times 54.5 + 13 \times 64.5 + 14 \times 74.5 + 5 \times 84.5 + 2 \times 94.5}{50}$ $= \frac{3285}{50}$ $= 65.7$	B1 M1 A1	mid points for Σfx																								
	(b)																											
	<table><tr><td>Marks</td><td>30-39</td><td>40-49</td><td>50-59</td><td>60-69</td><td>70-79</td><td>80-89</td><td>90-99</td></tr><tr><td>frequency</td><td>2</td><td>4</td><td>10</td><td>13</td><td>14</td><td>5</td><td>2</td></tr><tr><td>cf</td><td>2</td><td>6</td><td>16</td><td>29</td><td>43</td><td>48</td><td>50</td></tr></table>	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	$\sqrt{cfs}$
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																					
				S1 P1 C1																								
	(c) (i) median : 66.5		B1 B1 B1	25 th pos for 66.5																								
	(ii) position of student who scores 75 = 37 th																											
			10																									

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 $\triangle ACD$:		
	$\angle ADB = 90^\circ - 49.3^\circ = 40.7$	B1	
	Side DC: $\frac{9.2}{DC} = \cos 40^\circ$		
	$DC = \frac{9.2}{\cos 40^\circ} = 12 \text{ cm}$	B1	
	$\therefore$ Area $\triangle ACD$		
	$= \frac{1}{2} AD \times DC \sin (40 + 40.7)$		
	$= \frac{1}{2} \times 7 \times 12 \times \sin 80.7$	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)

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

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

(c) (i)

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

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

B1

 ΔABC drawn

M1

A1

B1

 $\Delta A'B'C'$ ✓ drawn

B1

reflection

B1

equation $y = 2x$

B1

 $\Delta A''B''C''$ ✓ 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
Oranges sales = 11750.00					
Pawpaw sales = 1812.50					
Oranges purchase = 9000.00					
Pawpaw purchase = 1650.00					
all other entries correct					
Totals					
Dr/Cr columns = 17952.50					
Balance on 11/01/2011					
= Sh 17952.50 - (900 + 1650 + 700 + 200 + 150 + 400)					
= 5852.50					
10					