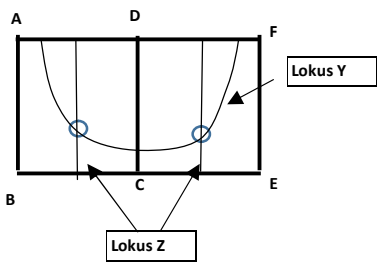
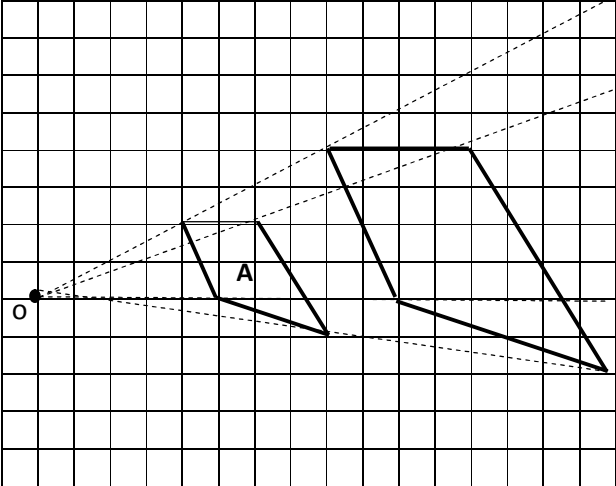
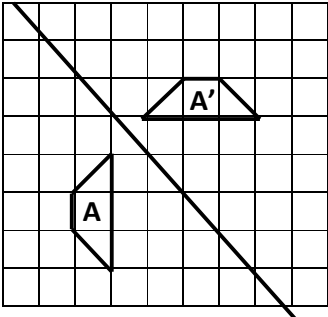
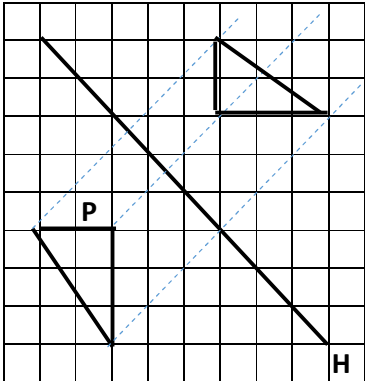


Skema jawapan

	markah
1(a) P = -5 Q = 3 R = 15  (b) baki cat = $\frac{5}{2}l$ Cat pintu = $\frac{1}{2}l$ Cat tinggal = $2l$  (c) (i) $5x - 200 = 1550$  (ii) amar = RM350 Zaid = RM1 050 Ismail = RM150	1 1 1  1 1 1  1  1 1 1
2 (a) a = -10 b = -20 c = -4  (b)(i) c = $100^\circ$ b + a = $180^\circ$ b + a + c = $280^\circ$  (ii) sudut pedalaman  (c) $13/4 = x/32$ X = $(13 \times 32)/4$ X = 104	1 1 1  1 1 1  1  1 1 1
3(a) ya , tidak , ya (b) (i) Bina sudut 120 Panjang 3.5 Bentuk segi tiga  (ii)  (c) = $-0.9 - (-4)$ = $-0.9 + 4$ = 3.1	1,1,1  1 1 1  1  1 1 1

<p>4 (a) <math>p^8, p^6, p^{-6}</math></p> <p>(b) (i) <math>\left( \frac{(-3) + (-3)}{2}, \frac{(-4) + 10}{2} \right)</math>  <math>(-3, 3)</math></p> <p>(ii) jarak PQ =  <math>\sqrt{[(-3) - (-3)]^2 + [(-4) - 10]^2}</math>  <math>= 14</math> unit</p> <p>(c) <math>a = -10,</math>  <math>b = -3</math>  <math>-10 \leq x &lt; -3</math></p>	<p>3</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p>
<p>5 (a) (i) 5  (ii) 5  (iii) 5</p> <p>(b) (i) FC  (ii), (iii)</p>  <p>(c) jarak x ke y = 125 km</p> $\frac{168 \text{ km}}{1 \frac{3}{4} j}$ $= 96 \text{ km/j}$	<p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1 (lokus y)  1 (lokus z)  1 (2 persilangan)</p> <p>1</p> <p>1</p> <p>1</p>
<p>6 (a) PR, QR, PQ</p> <p>(b)(i) <math>\frac{ST}{6} + 6 = \frac{9}{4}</math>  <math>ST = 7.5</math></p>	<p>3</p> <p>1</p> <p>1</p>

<p>(ii)</p>  <p>(c) (i) <math>\tan x^\circ = 6/8</math> @ <math>\tan x^\circ = 3/4</math></p> <p>(ii) QR = 9 PQ = 15</p>	<p>1</p> <p>1</p> <p>1</p>
<p>7 (a) (i) pemboleh ubah (ii) pemboleh ubah (iii) pemalar</p> <p>(b) <math>\frac{x - y}{b} \times \frac{ab + b^2}{x^2 - y^2}</math></p> <p><math>\frac{x - y}{b} \div \frac{(x + y)(x - y)}{b(a + b)}</math> @ <math>(x + y)(x - y)</math></p> <p><math>b(a + b)</math></p> <p><math>\frac{a + b}{x + y}</math></p> <p>(c) plot titik semua betul</p> <p>Lukis graf</p> <p>@</p> <p>plot titik(1 salah )</p> <p>Lukis graf</p>	<p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>2</p> <p>1</p> <p>1</p> <p>0</p>

<p>8 (a) <math>\square, \square, \vee</math></p> <p>(b) (i) merah (ii) di carta palang</p> $\frac{40}{80} \times 100 \%$ <p>50 %</p> <p>(c) (i)</p>  <p>(ii)</p> 	<p>1, 1, 1</p> <p>1 1</p> <p>1 1</p> <p>1</p> <p>2</p>
<p>9 (a) (i) <math>y = x^2</math> (ii) <math>y = x^3</math> (iii) <math>y = x</math></p> <p>(b) <math>4 \left( \frac{1}{2} \times 4 \times 6 \right) @ 4(12) + 36</math>  <math>= 48 + 48 + 36</math>  <math>= 132 \text{ cm}^2</math></p> <p>(c)(i) 264 @ 88 176 <math>\text{cm}^3</math></p> <p>(ii) 176 <math>\div</math> 24 7.3 minit</p>	<p>1 1 1</p> <p>1</p> <p>1 1</p> <p>1 1</p> <p>1 1</p>

10 (a) (i) 2	1
(ii) 1	1
(iii) $\frac{1}{2}$	1
(b)	
$x - y = 3$ @ $2x - 3y = 3$	1
$x = 3 + y$	1
$y = 3$	1
$x = 6$	1
(ii) 10cm	1
(c) $\frac{7 - m}{3n} = r^2$	1
$m = 7 - 3nr^2$	1