

## Answers:

Question 1:

Ans:

(a) 1, -4

(b) -1 and 3

Question 2:

Ans:

(a) 1, 7

(b) -1.6 and 3.6

Question 3:

Ans:

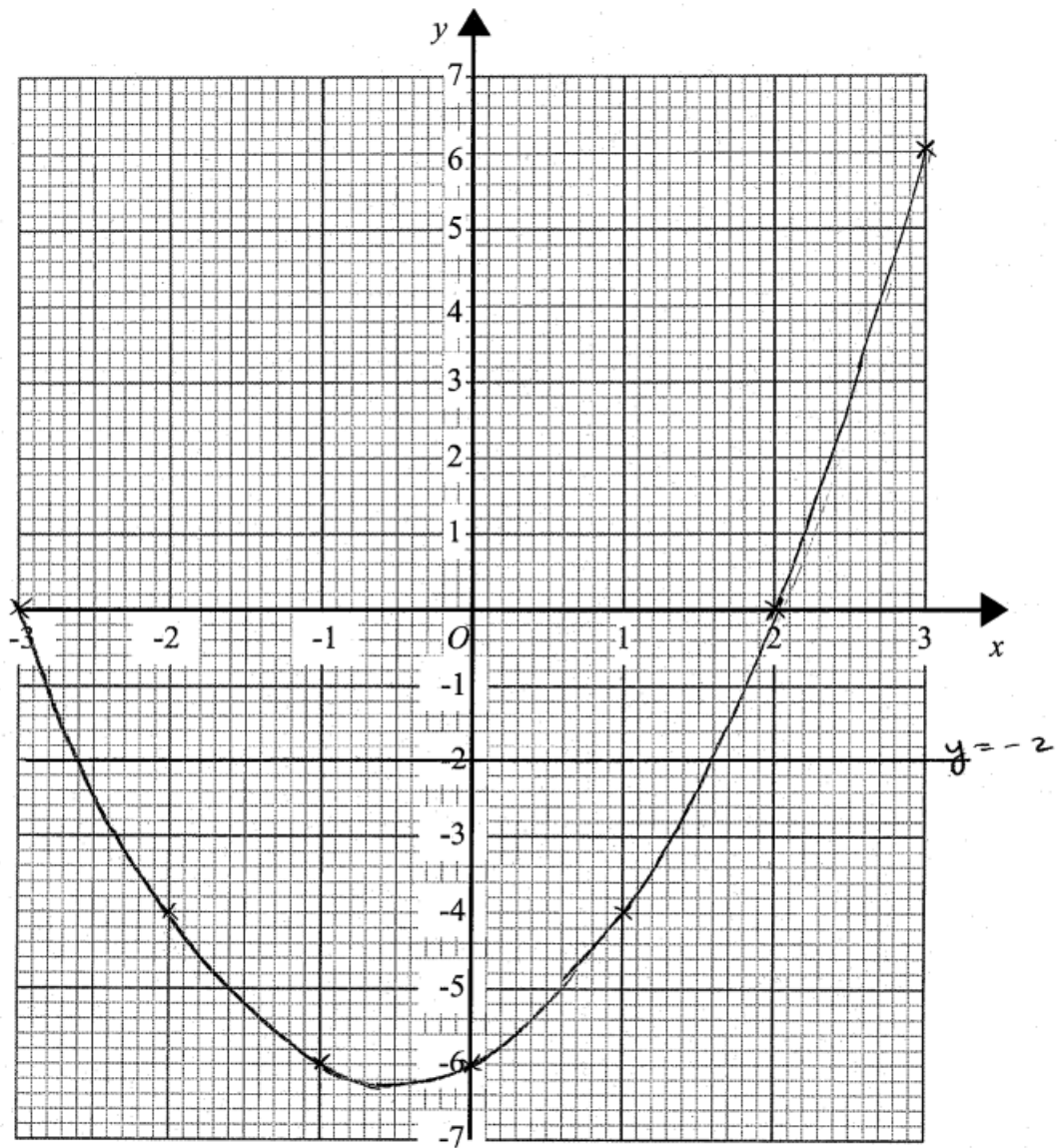
(a) -1, -6

(b) -3.8 and 1.8

Question 4:

Ans:

$x$	-3	-2	-1	0	1	2	3
$y$	0	-4	-6	-6	-4	0	6

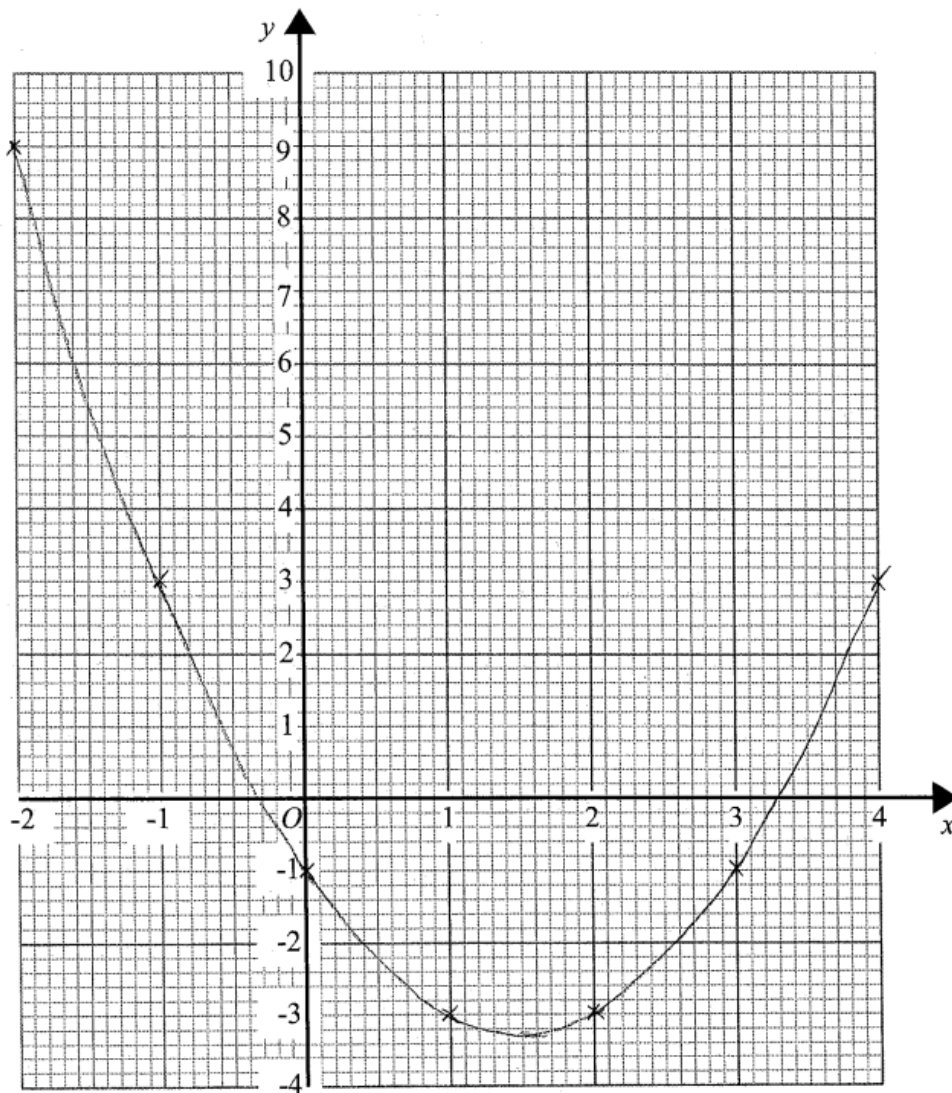


(b)  $-2.6$  and  $1.6$

Question 5:

Ans:

$x$	-2	-1	0	1	2	3	4
$y$	9	3	-1	-3	-3	-1	3



(b)  $1.5, -3.25$

Question 6:

Ans:  $x = -2$  or  $x = -4$

Question 7:

Ans:  $x = -4$

Question 8:

$$\text{Ans: } x = -1 + \sqrt{6} \text{ or } x = -1 - \sqrt{6}$$

Question 9:

$$\text{Ans: } x = -4 + \sqrt{13} \text{ or } x = -4 - \sqrt{13}$$

Question 10:

$$\text{Ans: } x = -2 + \sqrt{10} \text{ or } x = -2 - \sqrt{10}$$