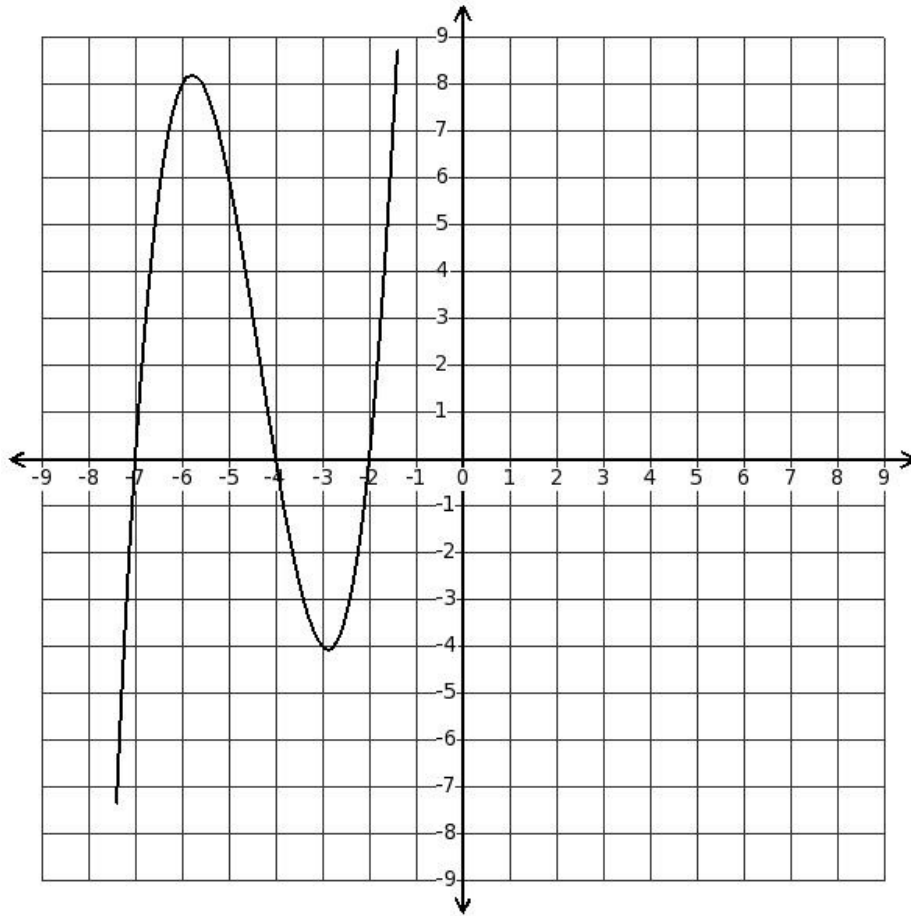


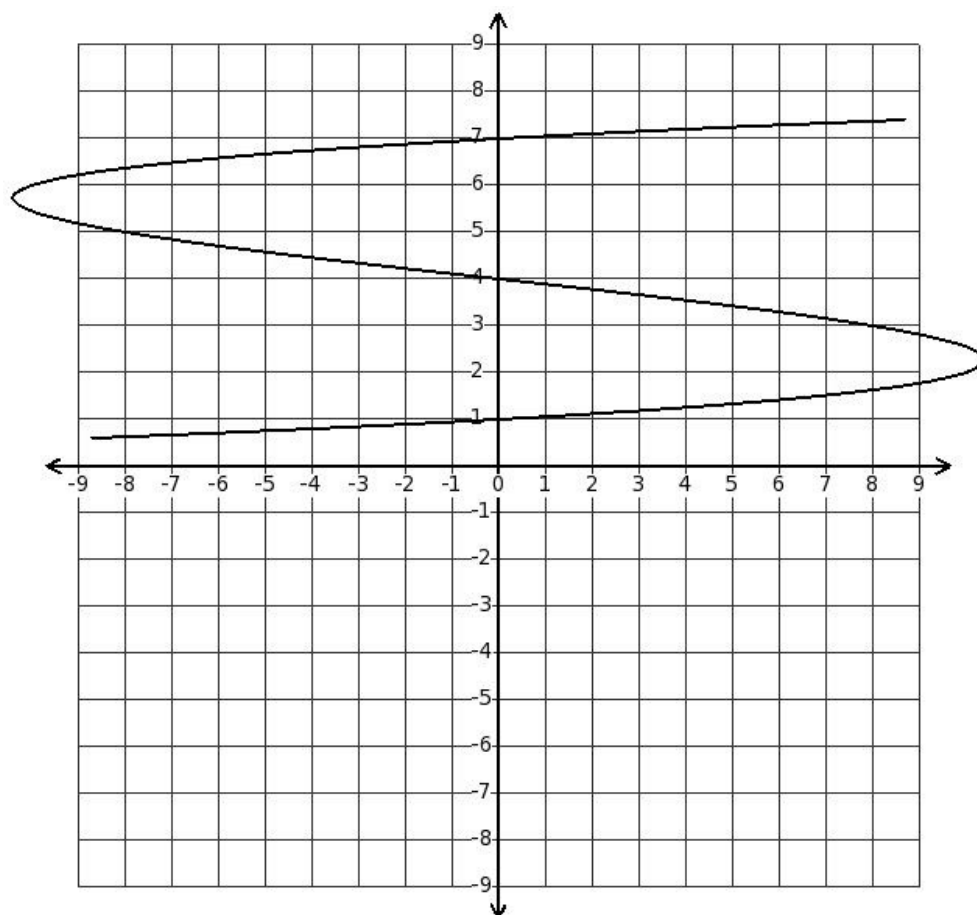


1. From the following graph of $y = p(x)$, find the roots of $p(x)$



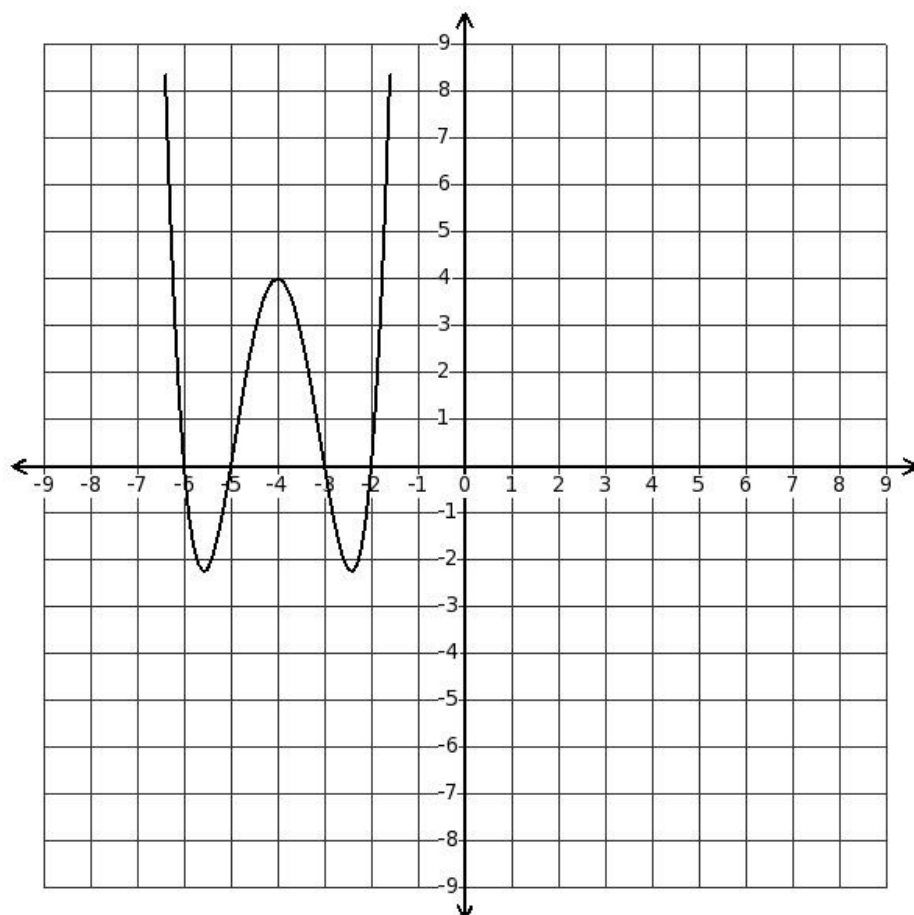
- (i) -7, -4 and 8 (ii) -7, -4 and -2 (iii) -7, -3 and 4 (iv) -3, -4 and -2 (v) -7, 0 and -2

2. From the following graph of $x = p(y)$, find the roots of $p(y)$



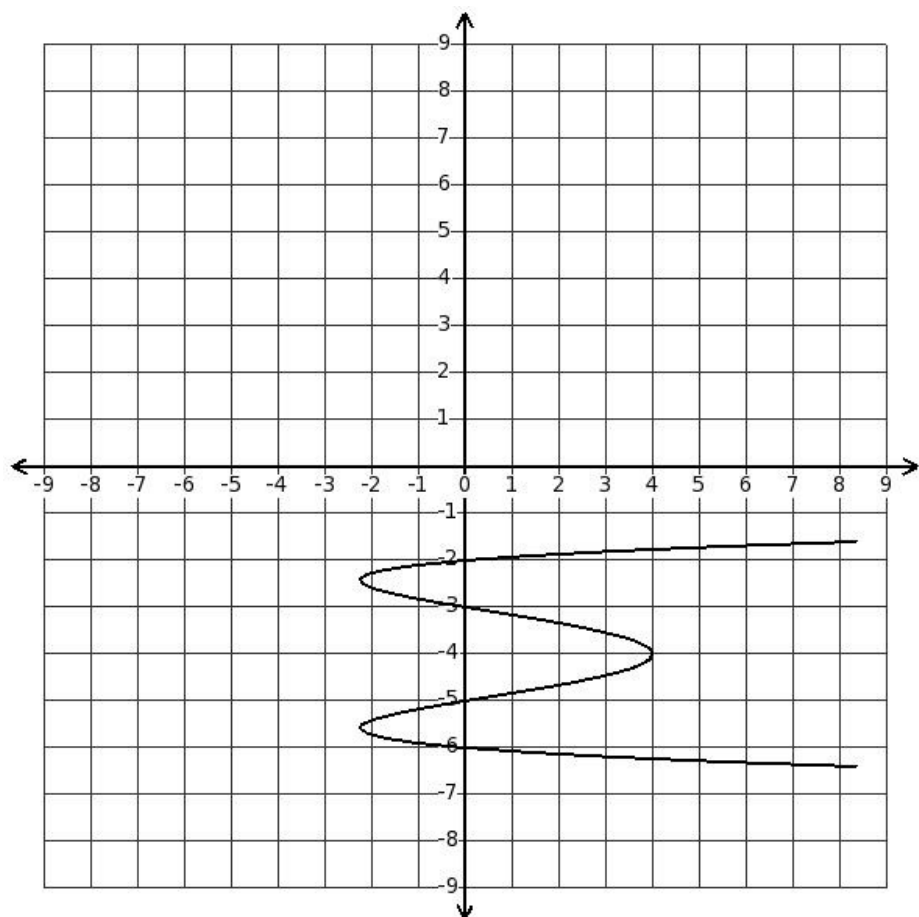
- (i) 5, 4 and 7 (ii) 1, 4 and 7 (iii) 1, 5 and -3 (iv) 1, 4 and -6 (v) 1, -4 and 7

3. From the following graph of $y = p(x)$, find the roots of $p(x)$



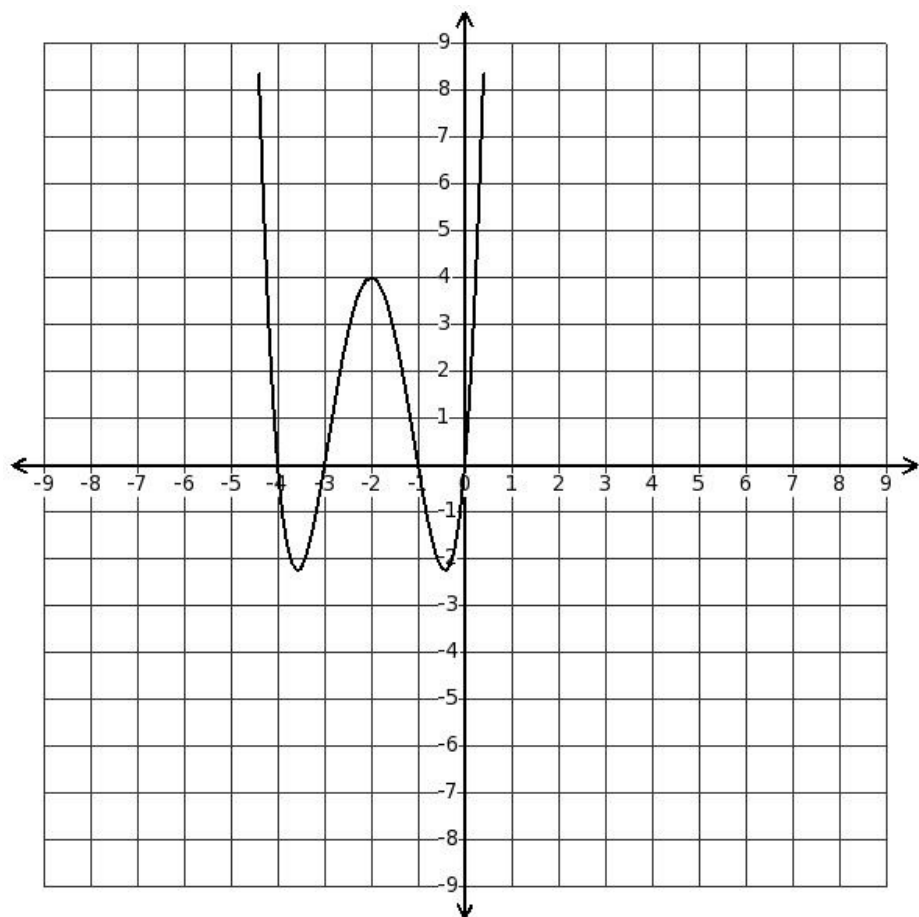
- (i) -6, 4, -3 and -2 (ii) 3, -5, -3 and -2 (iii) -6, -5, -7 and -2 (iv) -6, -5, -3 and -2 (v) -6, -5, -3 and 0

4. From the following graph of $x = p(y)$, find the roots of $p(y)$



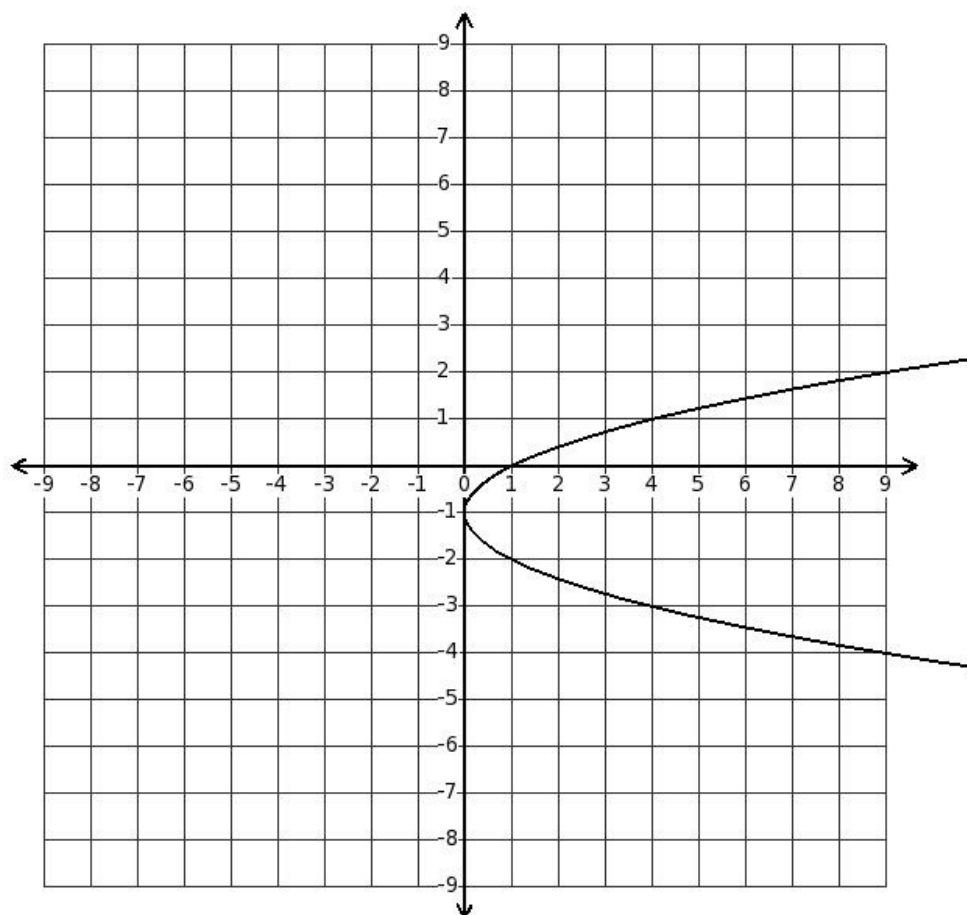
- (i) -6, -5, 2 and -2 (ii) 5, -5, -3 and -2 (iii) -6, -5, -3 and 6 (iv) -6, -5, -3 and -2 (v) -6, -7, -3 and -2

5. From the following graph of $y = p(x)$, find the number of zeroes of $p(x)$



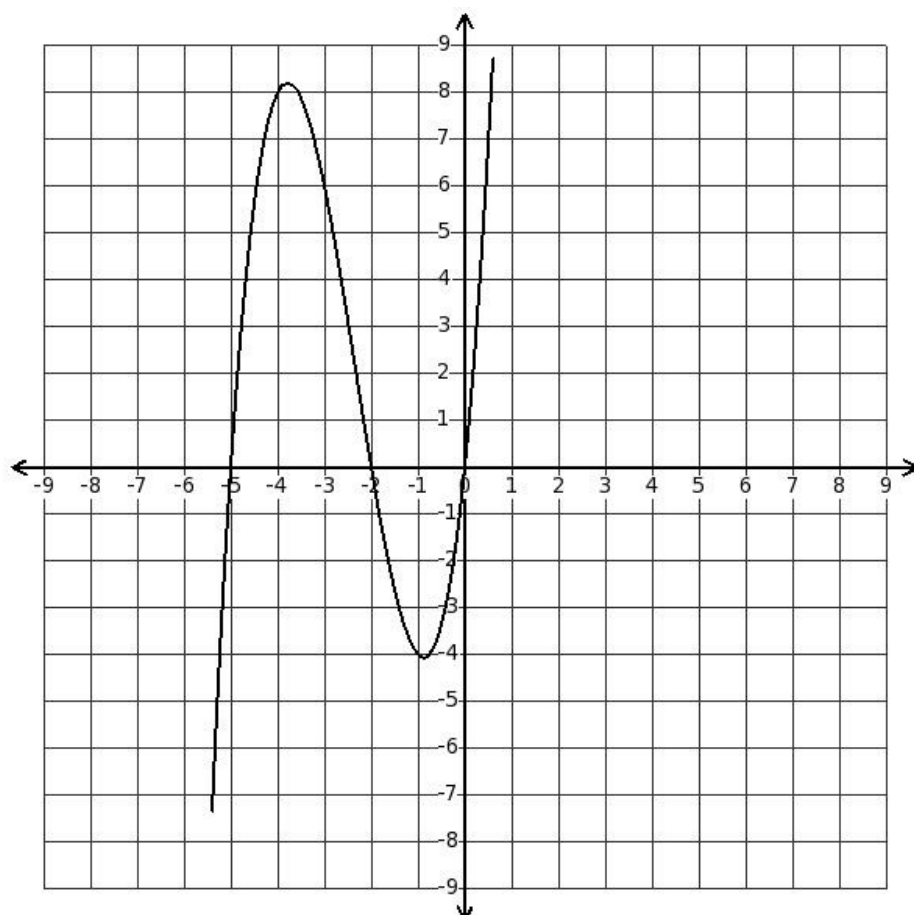
- (i) 5 (ii) 6 (iii) 4 (iv) 3 (v) 2

6. From the following graph of $x = p(y)$, find the number of zeroes of $p(y)$



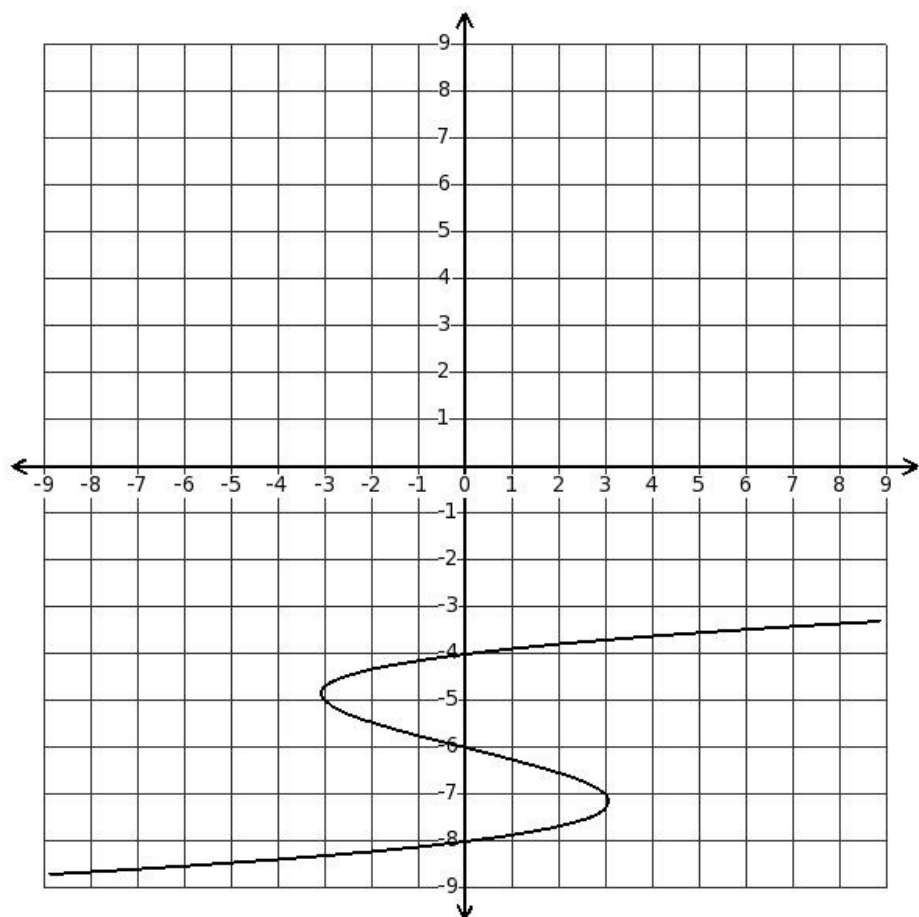
- (i) 2 (ii) 3 (iii) 1 (iv) (-1) (v) 0

7. From the following graph of $y = p(x)$, find the roots of $p(x)$



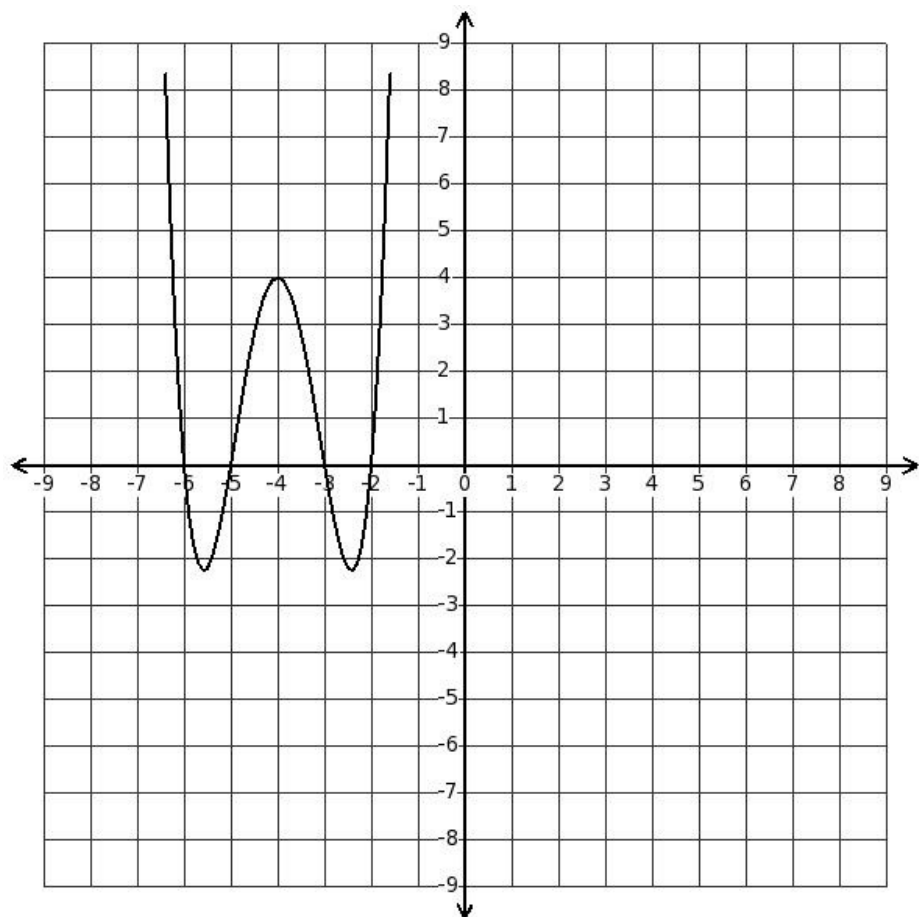
- (i) -5, 7 and -6 (ii) -5, -2 and 0 (iii) 7, -2 and 0 (iv) -5, -2 and 2 (v) -5, -1 and 0

8. From the following graph of $x = p(y)$, find the roots of $p(y)$



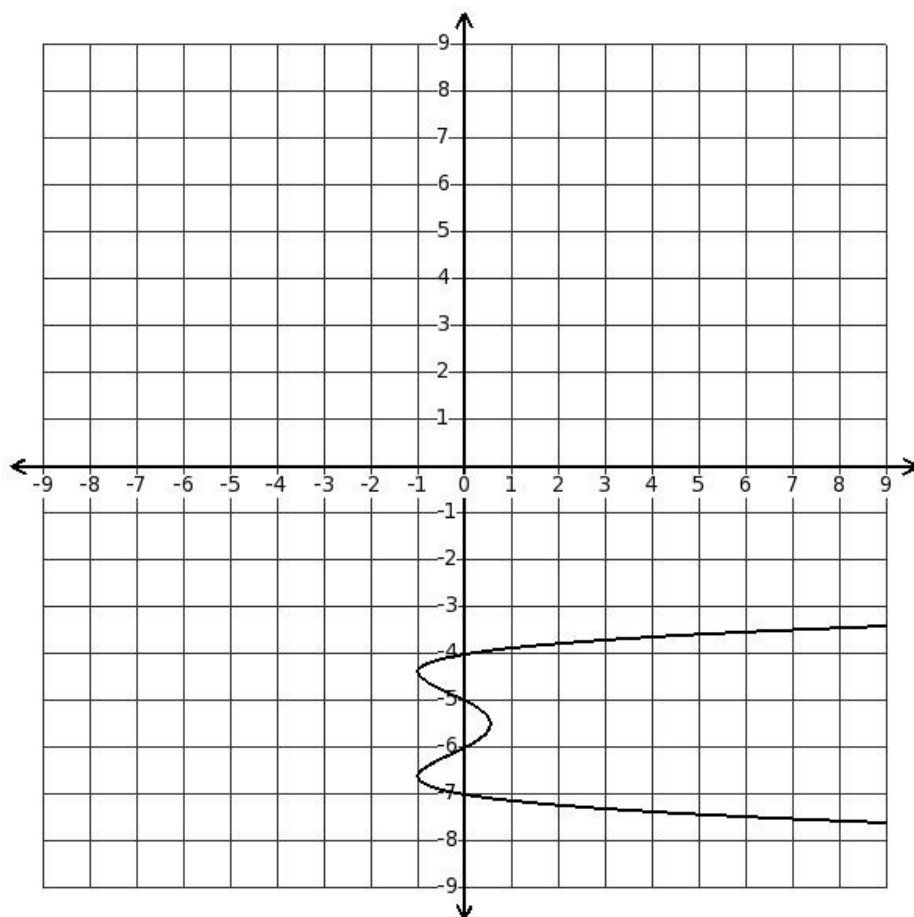
- (i) -8, -3 and 0 (ii) -8, -6 and -7 (iii) -8, 2 and -4 (iv) -8, -6 and -4 (v) -3, -6 and -4

9. From the following graph of $y = p(x)$, find the roots of $p(x)$



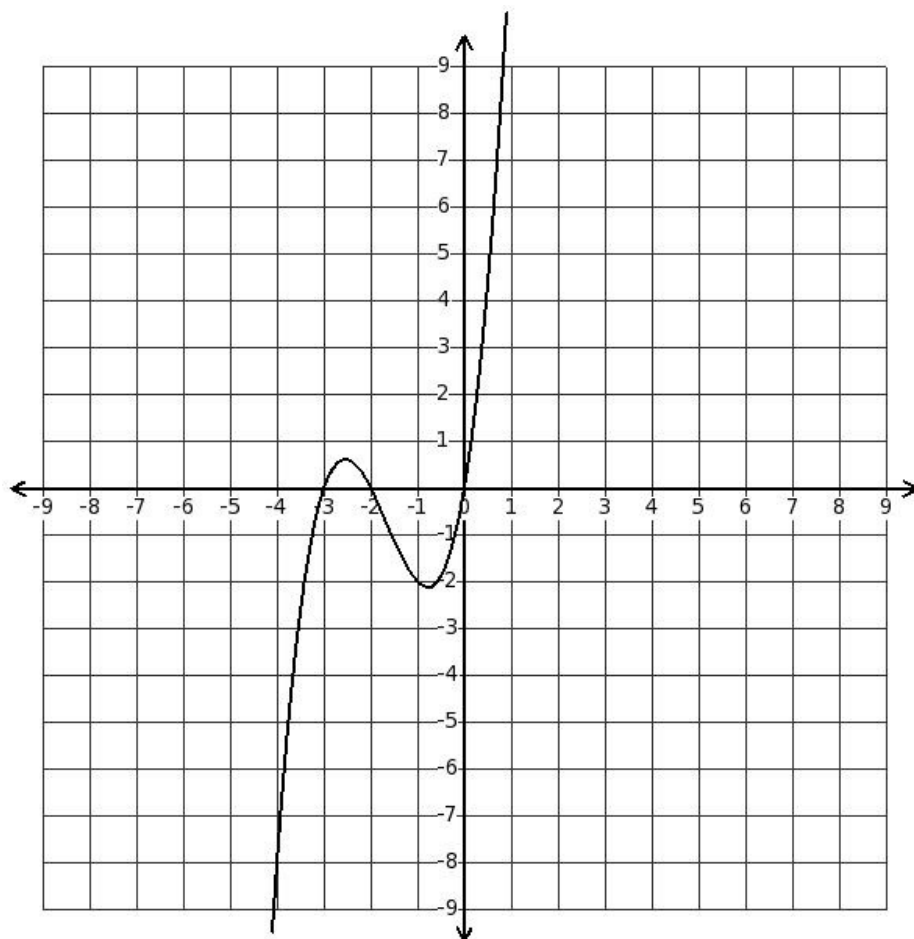
- (i) -6, -5, -3 and -2 (ii) -6, -5, -3 and -4 (iii) 7, -5, -3 and -2 (iv) -6, -5, 6 and -2 (v) -6, -8, -3 and -2

10. From the following graph of $x = p(y)$, find the roots of $p(y)$



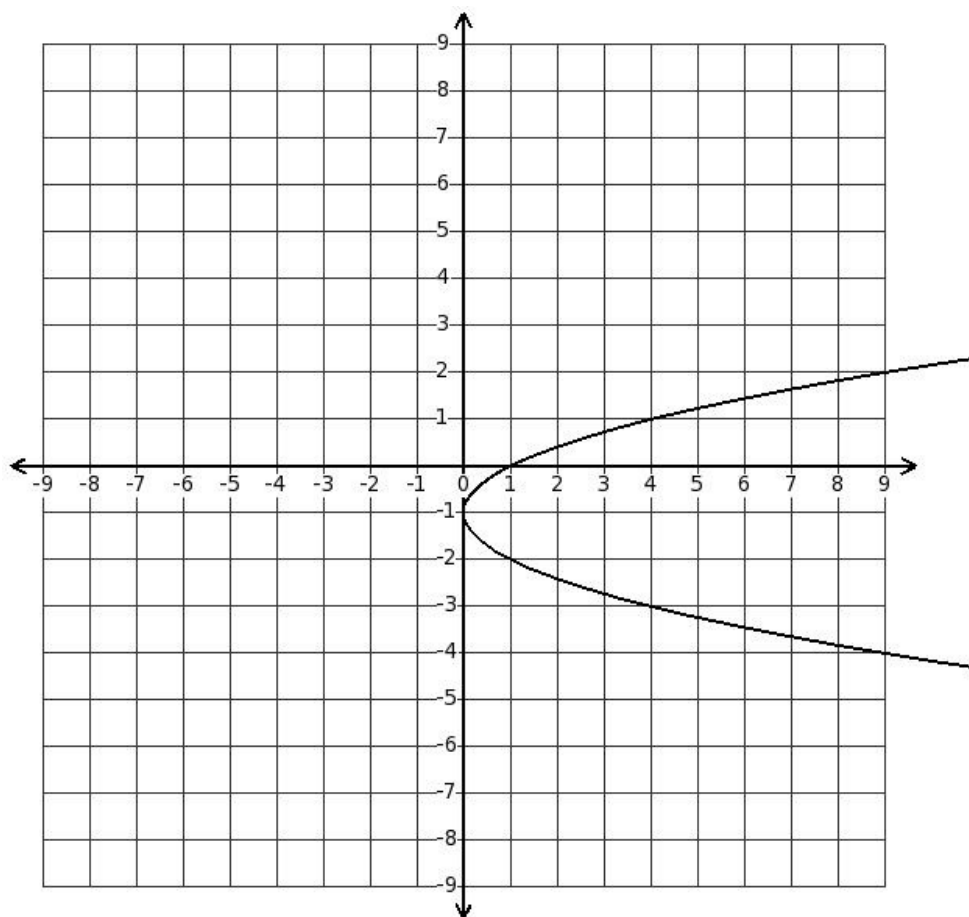
- (i) 2, -6, -5 and -4 (ii) -7, -6, -5 and -4 (iii) -7, 0, -5 and -4 (iv) -7, -6, -5 and 6 (v) -7, -6, -1 and -4

11. From the following graph of $y = p(x)$, find the number of zeroes of $p(x)$



- (i) 3 (ii) 0 (iii) 2 (iv) 6 (v) 4

12. From the following graph of $x = p(y)$, find the number of zeroes of $p(y)$



- (i) (-2) (ii) 1 (iii) 4 (iv) 0 (v) 2

Assignment Key

1) (ii)

2) (ii)

3) (iv)

4) (iv)

5) (iii)

6) (iii)

7) (ii)

8) (iv)

9) (i)

10) (ii)

11) (i)

12) (ii)

Copyright © Small Systems Computing Pvt. Ltd.