

POLYNOMIALS
(Introduction) ✓
(Geometrical Meaning of the
Zeroes of a Polynomial)
Chapter: 2nd

NITISH KUMAR



Types of polynomials

Linear polynomial

$$2x + 3$$

the highest degree = 1

Cubic polynomial

$$ax^3 + bx^2 + cx + d$$

Quadratic Polynomial

$$[ax^2 + bx + c]$$

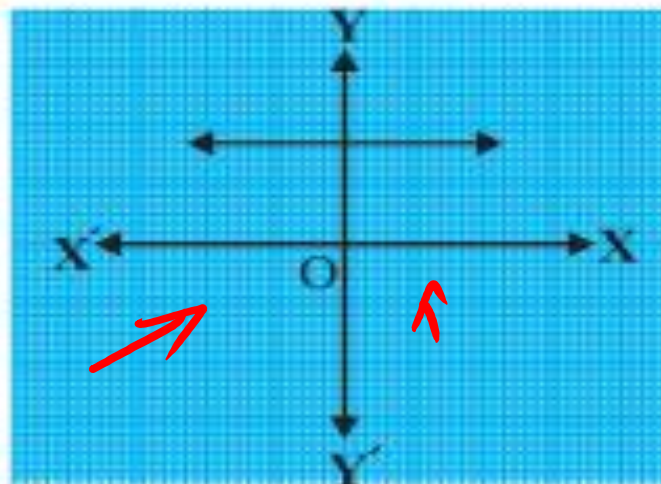
$$2x^2 + 3x + c$$

$$2x^2 + 3x^2 + x + 4$$

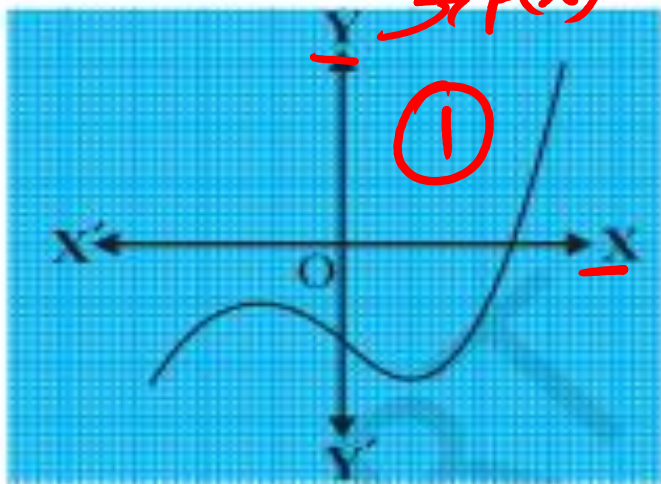


EXERCISE 2.1

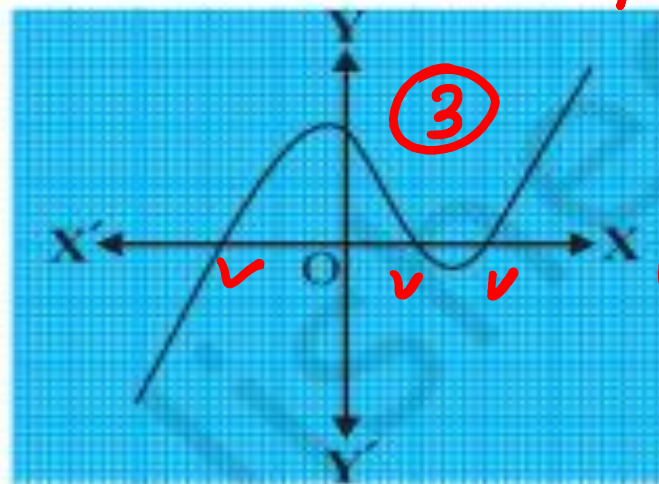
1. The graphs of $y = p(x)$ are given in Fig. 2.10 below, for some polynomials $p(x)$. Find the number of zeroes of $p(x)$, in each case.



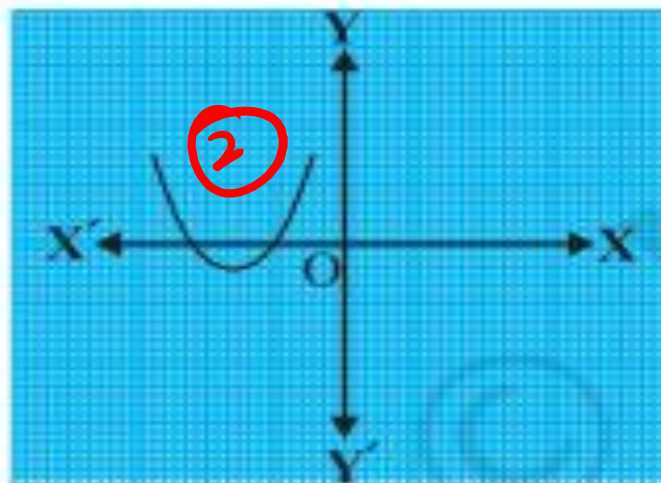
(i)



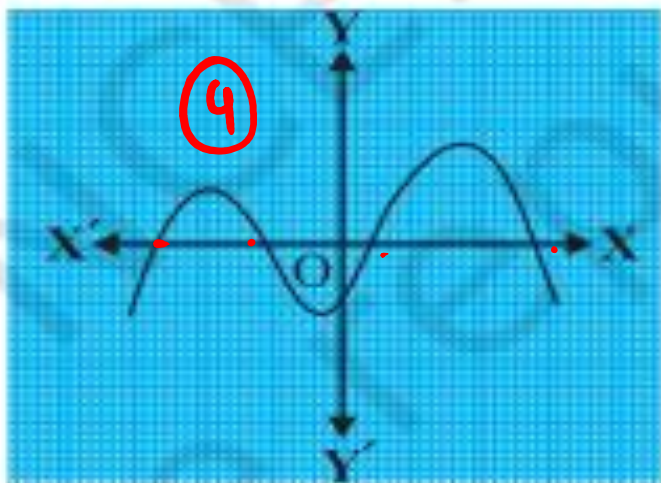
(ii)



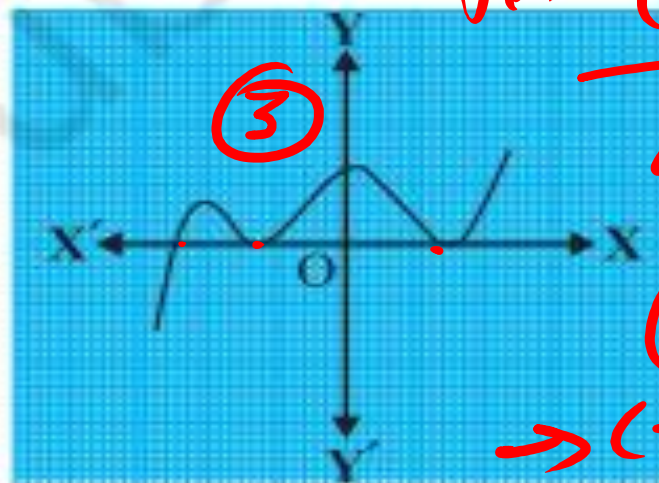
(iii)



(iv)



(v)



(vi)

$p(x) = ax^2 + bx + c$

$y = ax^2 + bx + c$

$y = 0$

$p(x) = 0$

$f(x) \rightarrow (x+1)(x+2)$

$x = -1, x = -2$

$(x, y) \downarrow$

$\rightarrow (-1, 0) (-2, 0)$

Fig. 2.10



EDUCATION SOURCE
A Source of Your Way to Success



education source

SUBSCRIBED

77 subscribers · 9 videos

More about this channel >



educationsource.in

Edit Profile



26 posts

77 followers

0 following

educationsource.in

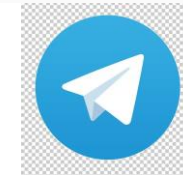
Online Tuition class for 9th-12th

Subject: math's,physics,chemistry,biology.

Co.no. 9041613954, 9468057042

Eduationsource94@gmail.com

youtube.com/channel/UCF1KfE0acOn3aGOIqvabUQ



education source

4 subscribers



t.me/educationsource2231

Link



nitishkumar_05

Edit Profile



30 posts

205 followers

172 following

Nitish kumar shandilya

Education

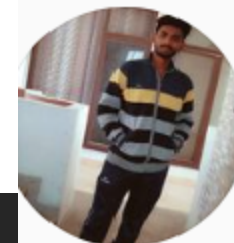
Online tuitions for physics,chemistry,math,biology

9th-12th

Co.No. 9041613954

Nk26134@gmail.com

youtube.com/channel/UCF1KfE0acOn3aGOIqvabUQ



ahirpalnivel

Follow Back

1 post

60 followers

32 following



Palnivel Ahir

Followed by nitishkumar_05 and gurvindersingh16