



Class 10	Mathematics 941	Ref: Byju's App
Work sheet no.2	Topic: POLYNOMIALS	Type: MCQ
Date of issue: 17/06/22		Date of submission: 20/06/22

1. The zeroes of $x^2 - 2x - 8$ are:

(a) (2, -4)

(b) (4, -2)

(c) (-2, -2)

(d) (-4, -4)

2. What is the quadratic polynomial whose sum and the product of zeroes is $\sqrt{2}$, $\frac{1}{3}$ respectively?

(a) $3x^2 - 3\sqrt{2}x + 1$

(b) $3x^2 + 3\sqrt{2}x + 1$

(c) $3x^2 + 3\sqrt{2}x - 1$

(d) None of the above

3. If the zeroes of the quadratic polynomial $ax^2 + bx + c$, $c \neq 0$ are equal, then

(a) c and b have opposite signs

(b) c and a have opposite signs

(c) c and b have same signs

(d) c and a have same signs

4. The degree of the polynomial, $x^4 - x^2 + 2$ is

(a) 2

(b) 4

(c) 1

(d) 0

5. If $p(x)$ is a polynomial of degree one and $p(a) = 0$, then a is said to be:

(a) Zero of $p(x)$

(b) Value of $p(x)$

(c) Constant of $p(x)$

(d) None of the above