

Activity Worksheet

Challenging brain

Sub : Mathematics

Grade: IX

Date:

Name:

ID No.....

Rapid Fire Quiz

State which of the following statements are true or false by tick (\checkmark) marking in the box

- | | True | False |
|--|--------------------------|--------------------------|
| 1. $x^2 + \frac{5x^{\frac{5}{4}}}{\sqrt[4]{x}}$ is a polynomial | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. $\sqrt{7}$ is a polynomial of degree zero. | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Degree of a zero polynomial is not defined. | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Every real number is zero of a zero polynomial. | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Polynomial $5t - \sqrt{7}$ is a monomial | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Polynomial $x^2 + x$ is quadratic. | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. A linear polynomial has one and only one zero. | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. A zero of a polynomial, is always zero. | <input type="checkbox"/> | <input type="checkbox"/> |
| 9. A real number a is root of the equation $p(x)$ if $p(a) = 0$. | <input type="checkbox"/> | <input type="checkbox"/> |
| 10. 2 is the remainder when $x^4 + x^3 - 2x^2 + x + 1$ is divided by $x + 1$ | <input type="checkbox"/> | <input type="checkbox"/> |
| 11. Zero of the polynomial $p(x) = 5x - 4$ is 1.25. | <input type="checkbox"/> | <input type="checkbox"/> |