

Activity Worksheet

Challenging brain

Sub : Mathematics

Grade: X

Date:

Name:

ID No.....

Match the Columns

5. Match the following columns by placing the correct letter in square box.

Column I	Column II
(i) Degree of a linear polynomial	(a) Equal to 3
(ii) Degree of a cubic polynomial	(b) Less than 1
(iii) Degree of remainder when a cubic polynomial is divided by a linear polynomial.	(c) (c) Less than 2
(iv) Degree of r(x) when $p(x) = x^3 + kx + k$ is divided by $q(x) = x^2 + 1$.	(d) (d) Equal to 1
(v) Degree of g(x) when $p(x) = x^3 + 1$ is divided by $g(x)$ and quotient is zero.	(e) (e) less than or equal to 3
(vi) Degree of g(x) when $p(x) = x^3 + 1$ is divided by $g(x)$ and remainder is zero.	(f) (f) greater than 3

- (i) →
- (ii) →
- (ii) →
- (iii) →
- (iv) →
- (v) →