

DAY-6



Basic MATHS

POLYNOMIALS





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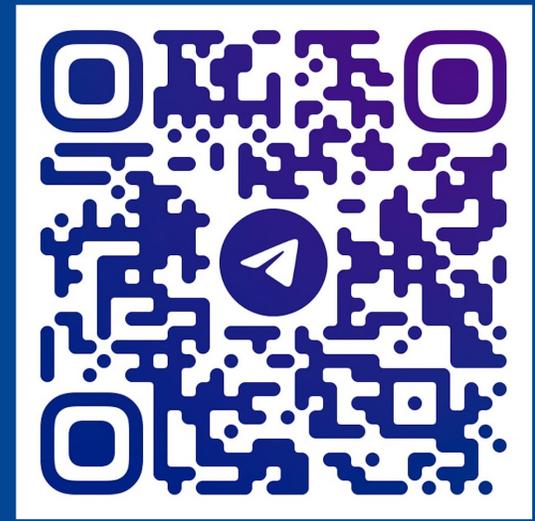
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Polynomials [P(x)]

Expressions with have the power of the variables as whole numbers is known as a polynomials.

$$y + \frac{1}{y}$$

$$2 - 5\sqrt{x}$$

$$x^2 - 2x + 5$$

$$2$$



Types of Polynomials

Based on Number of Terms



Types of Polynomials

Based on Power or Degree of Expression



Addition of Polynomials

Add: $14a^2 - 2a + 7$ and $-7a^2 + 5a + 6$.



Subtraction of Polynomials

Subtract: $5a^2 - 2a$ from $7a^2 + 5a + 6$.



Multiplication of Polynomials

Multiply: $-2a \times 5a^2$



Value of Polynomial

Find the value of $p(x) = 2x^2 - x^3 + x + 2$ for $p(0)$



Multiply $(4m+3n)(m-7n)$



Solve

$$(5a+2b-c)(a+b+3c) - (5a^2-3c^2-14ac)$$

DAY-7



Basic MATHS

EQN. IN 2 VARIABLE





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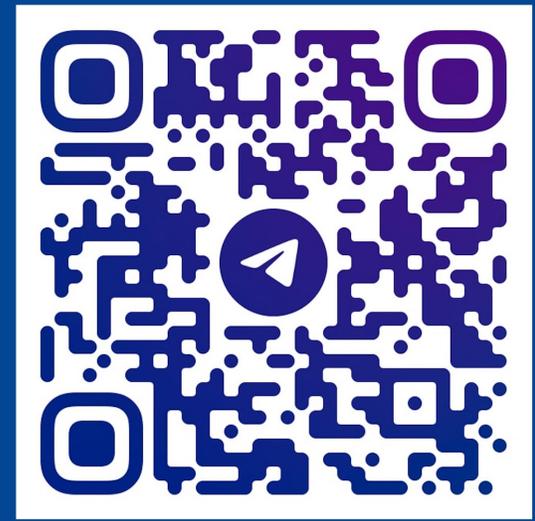
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