

## polynomial -

## constant polynomial examples:

## polynomial function -

## polynomial division

## division algorithm

## synthetic division -

## Remainder Theorem -

$$(10v^2 - 33v - 33) \div (v - 4)$$

$$(10n^2 + 86n - 44) \div (n + 9)$$

$$(9v^3 + 79v^2 + 50v - 52) \div (v + 8)$$

$$(10n^3 + 103n^2 + 37n + 60) \div (n + 10)$$

$$(7x^2 + 53x - 89) \div (x + 9)$$

$$(2p^2 - 6p - 87) \div (p - 8)$$

$$(a^3 + 4a^2 - 26a - 32) \div (a - 4)$$

$$(a^3 + a^2 - 3a + 30) \div (a - 4)$$

$$(10n^2 - 18n - 14) \div (n - 2)$$