

Unit 5 Intro To Polynomials

5.2B Like Terms

Like Terms –

Ex. Identify the like terms in each group of terms:

a) $5b^2$ $3ab$ $-2b$ $7c$ $6b$

b) $3x^2$ $4x^2y$ $7x^2$ $-2x^2$ $\frac{1}{2}x$

c) $3p^2q$ -3 $2pq^2$ 1 qp^2

Only like terms can be combined together in a polynomial.

Ex. Simplify (collect like terms):

a) $5x - 3x^2 + 2x - x^2$

b) $2x - 6 - 2x + 1$

c) $4a^3 + 3 - 2a^2 + 5a + a^3 - 1 + 5a^2 - 2a^3$