
8-1 Adding & Subtracting Polynomials

1. Classify the polynomial $4x^3 - 2$ as indicated:

a. by degree:

b. by number of terms:

2. Give an example of a **quadratic trinomial**.

3. Find each sum or difference. Express your answer in standard form.

a. $(5x - 8x^2) + (x - 6)$

b. $(4x - 2 - 5x^2) - (3 + x^2 - 4x^3)$