

1. What is the degree of each polynomial below, and the coefficient for that term?

	Degree	Coefficient
a) $2x - 13$	_____	_____
b) $x^3 - 7x - 2$	_____	_____

2. Simplify.

a)  $(x - 1) + (3 - 4x)$

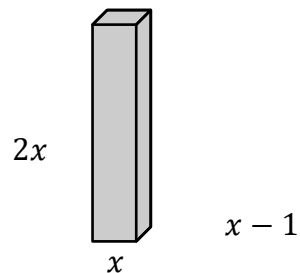
b)  $(x^3 - 1) + 3x - (5x^3 + 3x)$

3. Find each product.

a)  $2(3x - 8)$

b)  $4x^4(3x + 1 - x^2)$

4. Find the volume.



Divide.

a)  $\frac{18x-21}{3}$

b)  $\frac{x^4-x^2}{x^2}$

Perform the combined operations.

a)  $(2x^2 - 3) + \frac{2x^2-16}{2}$

b)  $(x^2 + x - 11) - \frac{15x^2-10x}{5x}$