EX #2: Find the real or imaginary solutions for each polynomial equation.

A. $x^4 = 16$

B. $x^3 = 8x - 2x^2$

C. $x(x^2 + 8) = 8(x + 1)$

$$x^3 + 8x = 8x + 8$$
$$-8x - 8 \quad -8x \quad -8$$

$$x^3 - 8 = 0 \qquad a = x$$
$$x^3 - 2^3 = 0 \qquad b = 2$$

$$(x-2)(x^2 + 2x + 2^2) = 0$$
$$(x-2)(x^2 + 2x + 4) = 0$$
$$x - 2 = 0 \quad x^2 + 2x1$$