My first Document

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solve the equation $0 = 3x^3 + 3x^2 - 6x$.

$$0 = 3x^3 + 3x^2 - 6x \tag{1}$$
$$= 3(x^3 + x^2 - 2x) \tag{2}$$
$$= 3x(x^2 + x - 2) \tag{3}$$
$$= 3x(x+2)(x-1) \tag{4}$$
$$\therefore \tag{5}$$
$$x = 0, -2, 1 \tag{6}$$