

1. Let $f(x) = x^3 + 5x^2 - 3x + 4$

a. Divide $f(x) \div (x + 3)$

b. Evaluate $f(-3)$

c. Solve for x : $x + 3 = 0$

2. Let $g(x) = x^3 - 8x^2 + 5$

a. Divide $g(x) \div (x - 2)$

b. Evaluate $g(2)$

c. Solve for x : $x - 2 = 0$

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