

10350 Synthetic Division - Sample Questions Set 04

Apply synthetic division to completely factor the following polynomials:

1. $f(x) = x^3 + 2x^2 - 5x - 6$

2. $g(x) = 2x^3 + 3x^2 - 11x - 6$

3. $p(x) = 2x^4 - 5x^3 - 5x^2 + 20x - 12$

4. $q(x) = 2x^4 - x^3 + x^2 - 2x - 6$