

Determine all roots of the polynomial functions given 1 factor.

Name _____

1. $f(x) = x^3 + 3x^2 - 6x - 8$; $(x-2)$

2. $g(x) = 2x^3 - 4x^2 - 36x$; $(x+3)$

3. $h(x) = 3x^2 - 11x - 20$; $(x-5)$

4. $j(x) = x^3 + 3x^2 - 13x - 15$; $(x+1)$

5. $f(x) = 2x^4 + 10x^3 + 4x^2 - 16x ; (x+4)$

6. $g(x) = 4x^3 - 100x ; (x+5)$

7. $h(x) = 3x^3 + 24x^2 + 36x ; (x+2)$

8. $j(x) = 4x^3 + 7x^2 - 5x - 6 ; (x-1)$

9. $k(x) = 2x^4 - 4x^3 - 50x^2 + 100x ; (x-2)$