

Quiz Review

Name _____

- 1) Use the Remainder Theorem to find $f(-4)$ when
 $f(x) = 3x^3 + 4x^2 - 5x + 7$

answer $f(-4) =$

- 2) Use the Factor Theorem to determine if $(x+2)$ is a factor of $g(x)$ when $g(x) = 2x^3 - 3x^2 - 11x + 6$.

answer _____

- 3) Find all of the roots of $h(x) = 2x^3 - 5x^2 + x + 2$ given $(x-1)$ is a factor.

roots _____