

Graphing Polynomials

Date _____ Period _____

Find all roots.

1) $3x^3 - 11x^2 + 6x = 0$

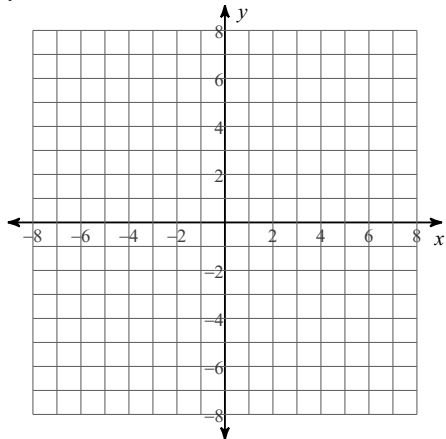
2) $5x^3 + 18x^2 - 8x = 0$

3) $5x^3 + x^2 - 4x = 0$

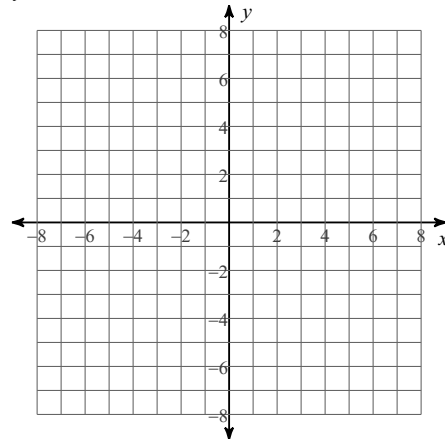
4) $2x^3 + 5x^2 - 12x = 0$

Graph the polynomials.

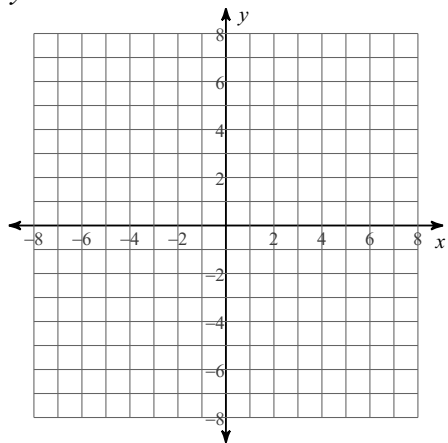
5) $y = x^3 + 5x^2 + 4x$



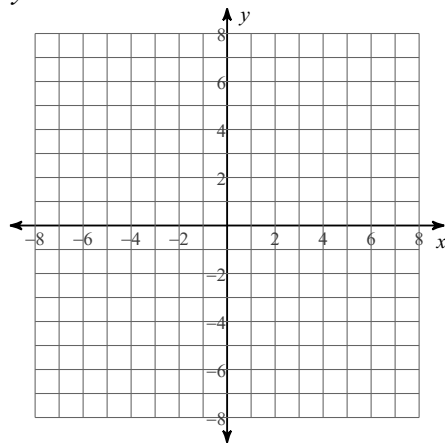
6) $y = x^3 + 2x^2 - 15x$



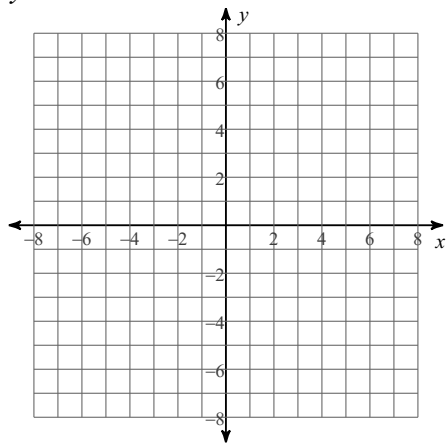
7) $y = x^3 - 4x^2 - 5x$



8) $y = x^3 - 7x^2 + 10x$



9) $y = x^3 - 2x^2 - 15x$



10) $y = x^3 - 2x^2 - 3x$

