Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Accel Geom/Adv Alg

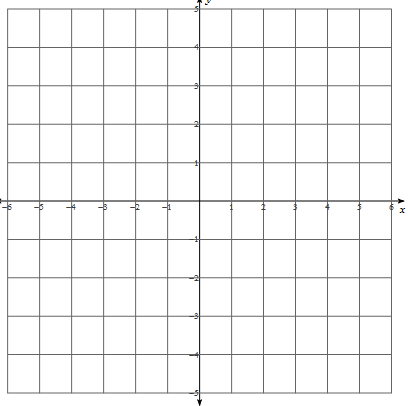
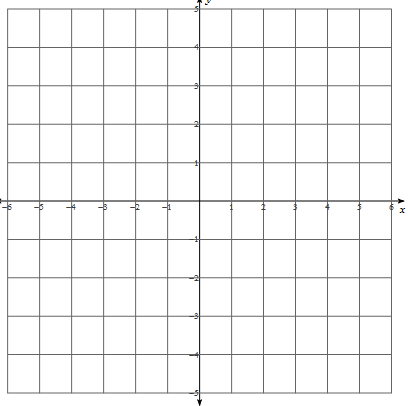
Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period \_\_\_\_\_\_\_\_\_\_\_\_\_ 11.1/11.2 Finding Zeros

List the possible rational roots for the following polynomial functions.

1. 2.

Impress me! Sketch a graph of a polynomial function given the following zeros.

3. 4, 4, 0 4. -2, -2, -2, 5

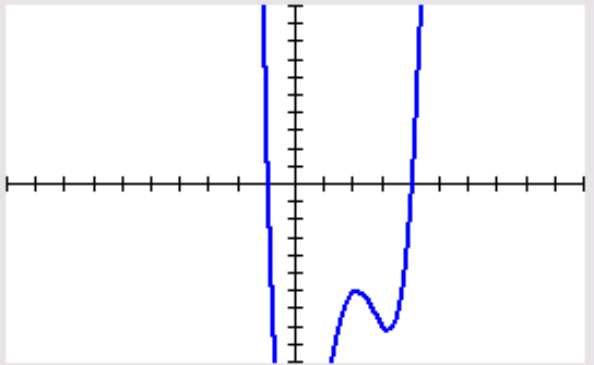
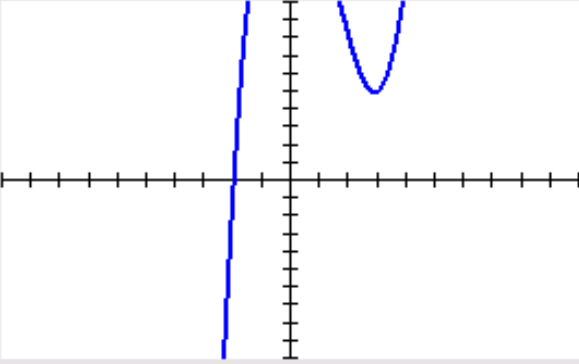
Find the roots of the polynomial functions.

5. 6.

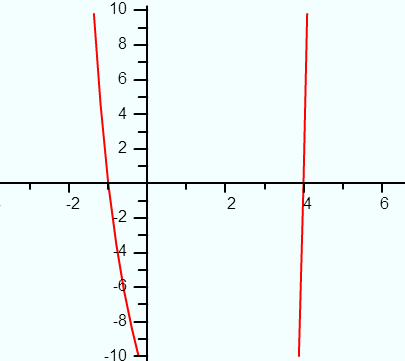
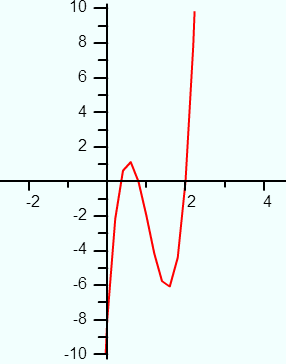
7. 8.

9. 10.

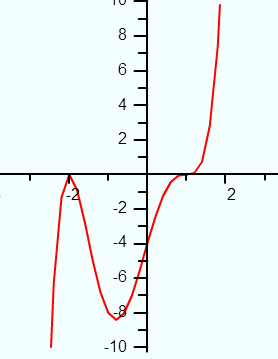
11. 12.

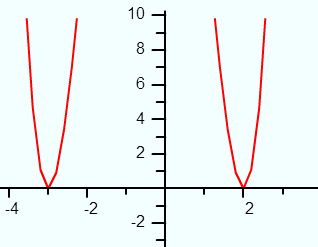
13. 14.

15. 16.



17. 18.



Write the simplest polynomial function with the given roots.

19. -2, 0, 4 20. -3 (multiplicity of 3), 2/3

21. -1, -2i 22. , 5(multiplicity of 2)