Algebra II

7-7

Writing Quadratic Functions

Find a quadratic equation with *integral coefficients* having the given roots. (pg 342)

What does integral coefficients mean? _____

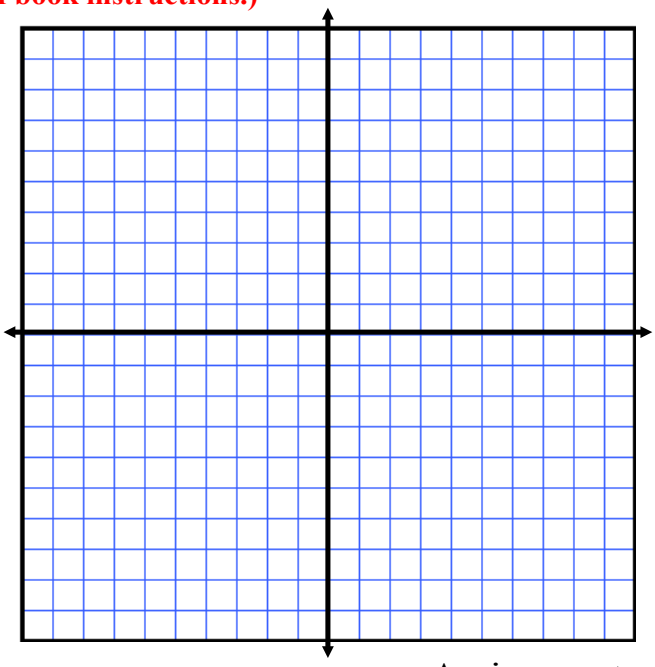
7) {2,5}

23) $\left\{\frac{1\pm i\sqrt{5}}{4}\right\}$

Find a quadratic function for each parabola described.

(use standard form instead of book instructions.)

25) maximum value 10
x - intercepts {1,3}



29) vertex (2, 12)
x - intercepts {-4, 8}

Assignment:

Pg. 342
2-36 even