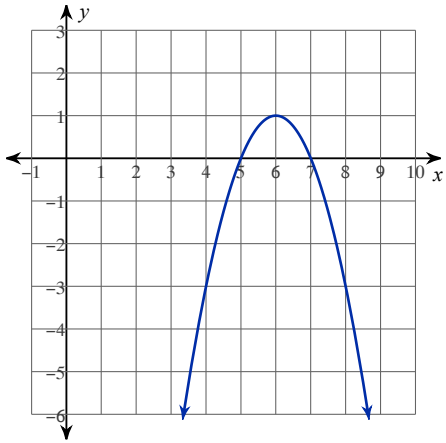


## Finding Zeros - Practice

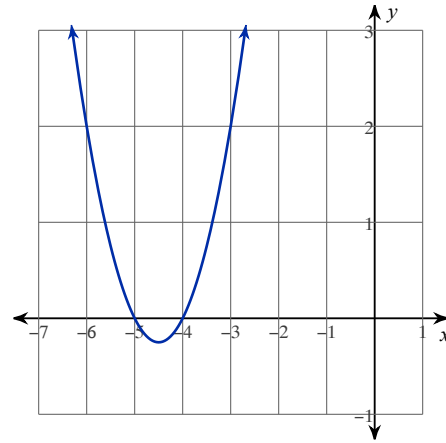
Date \_\_\_\_\_ Period \_\_\_\_\_

Find the zeros of each quadratic function from looking at the graph.

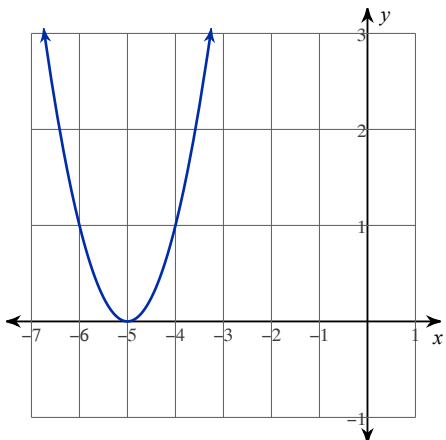
1)



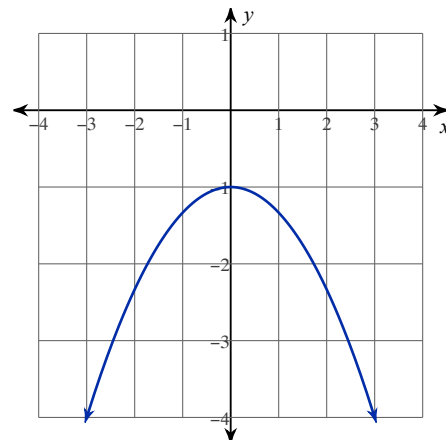
2)



3)



4)



5) Write the Quadratic Formula.

**Find the zeros of each quadratic function by taking square roots.**

6)  $4p^2 + 10 = 74$

7)  $9x^2 + 1 = 82$

8)  $5k^2 + 5 = 185$

9)  $5n^2 - 6 = 9$

10)  $2r^2 + 8 = 178$

11)  $9n^2 - 2 = 754$

12) Write the Quadratic Formula.

**Find the zeros of each quadratic function by factoring.**

13)  $x^2 - 4x + 4 = 0$

14)  $x^2 - x - 2 = 0$

15)  $r^2 + r - 12 = 0$

16)  $x^2 + 4x - 38 = -6$

17)  $b^2 - 11b + 30 = 2$

18)  $b^2 - 3b - 46 = -6$

19)  $m^2 + 30 = -11m$

20)  $x^2 = -12x - 35$

21)  $2a^2 - 3a + 1 = 0$

22)  $5m^2 + 17m - 12 = 0$

23)  $3x^2 + 17x + 20 = 0$

24)  $2n^2 - 3n - 14 = 0$

25) Write the Quadratic Formula.