

Calculate the zeros of the following functions:

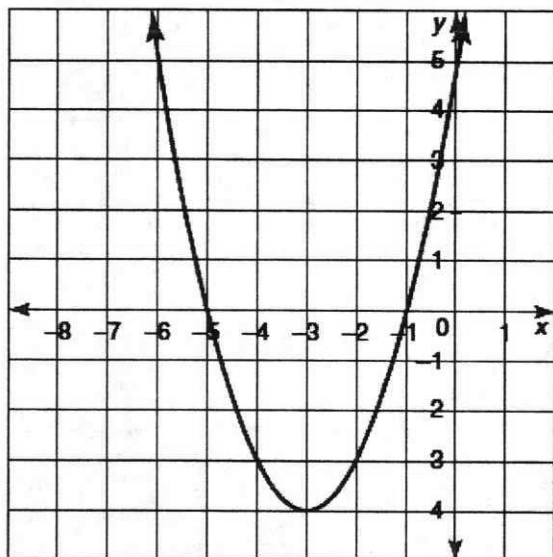
13. $f(x) = (x + 7)(x - 4)$

14. $f(x) = (x - 5)(x - 5)$

15. $f(x) = 3x(x + 4)$

Write an equation to represent the graphs below:

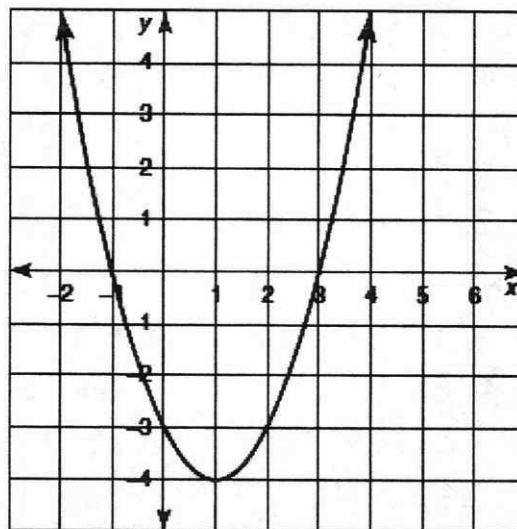
16.



Zeros: _____

$y =$ _____

17.



Zeros: _____

$y =$ _____

Write a function in both factored and standard form for the given zeros:

18. Zeros: $x = 4$ and -5 ; opens down

Intercept Form: _____

Standard Form: _____

19. Zeros: $x = 0$ and 2 ; opens up

Intercept Form: _____

Standard Form: _____

20. What are the factors and zeros of $2x^2 + 17x + 30 = 0$?