1A.7cd
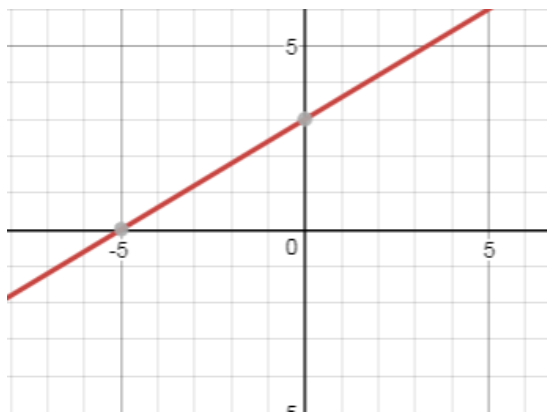
1. Determine the zero(s) of the function graphed below and explain why they are the zeros for the function.
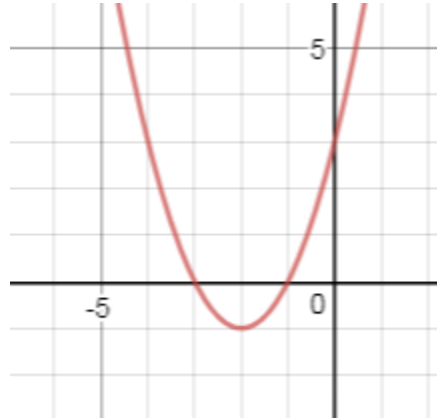
Zeros: _____

Explanation:

_____

_____

2. Determine the zero(s) of the function graphed below.

Zero(s): _____

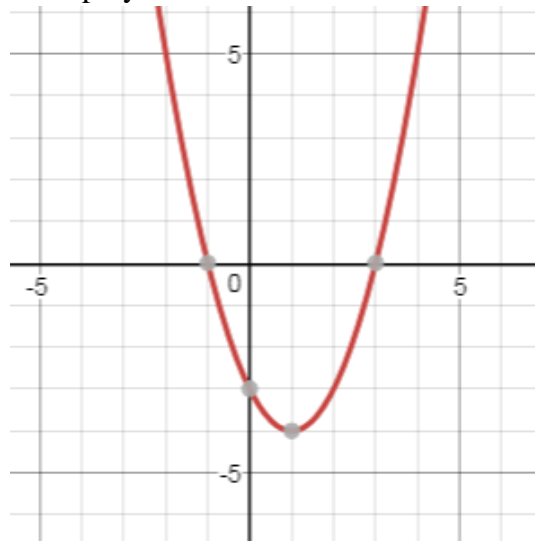Zeros can also be referred to as _____.

3. What are the zero(s) of the function $f(x) = 3 + \dfrac{1}{2}x$?

    zero(s):_____

4. What are the zero(s) of the function $f(x) = 3x^2 - x - 10$?

    zero(s):_____

5. From the graph below, determine the x-intercepts, y-intercepts, zeros, possible factors for the function, and possible polynomial function.

    x-intercepts:_____
    y-intercepts:_____
    zero(s):_____
    factors of the polynomial:_____
    polynomial function written in factored form: f(x)=_____

6. From the graph below, determine the x-intercepts, y-intercepts, zeros, possible factors for the function, and possible polynomial function.
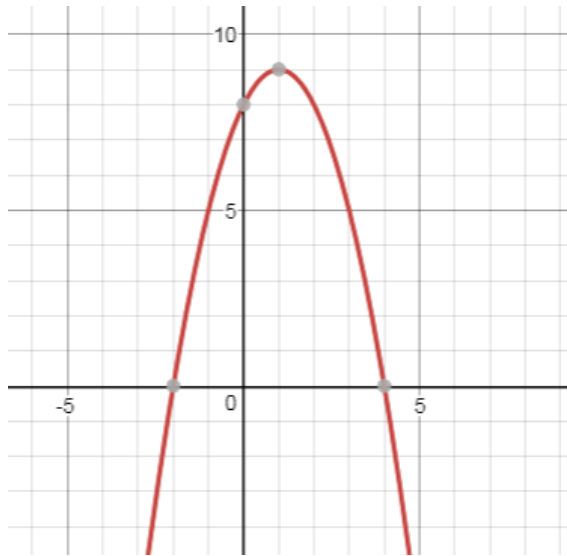

x-intercepts:_____

y-intercepts:_____

zero(s):_____

factors of the polynomial:_____

polynomial function written in factored form: f(x)=_____