x-Intercepts

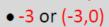
The x-intercepts of a graph are located where the graph crosses the x-axis and where f(x) = 0.

$$f(x) = x^2 + 2x - 3$$

$$0 = (x + 3)(x - 1)$$

 $0 = x + 3 \text{ or } 0 = x - 1$
 $x = -3 \text{ or } x = 1$

The zeros are -3 and 1. The x-intercepts are:



• 1 or (1,0)

