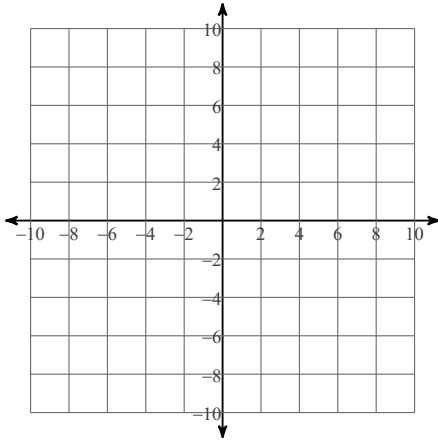


Use a graphing calculator to sketch each graph and answer the questions.

1) $f(x) = (x - 5)(x + 1)$

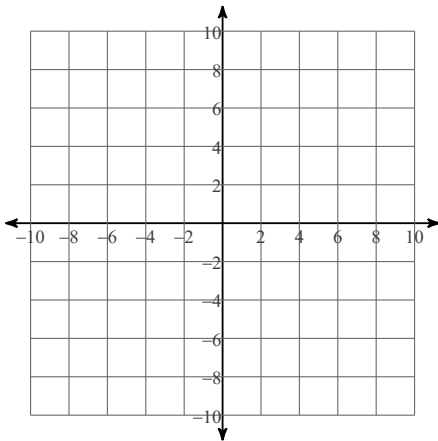
2) Non-Factored Equation:



Zeros (roots):

3) $f(x) = -(2x - 3)(x - 5)$

4) Non-Factored Equation:

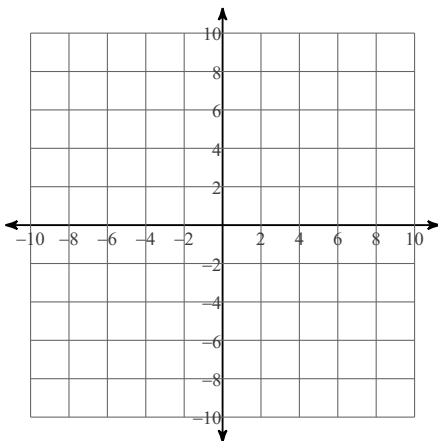


Zeros (roots):

Use a graphing calculator to sketch each graph, factor the equation, and answer the questions.

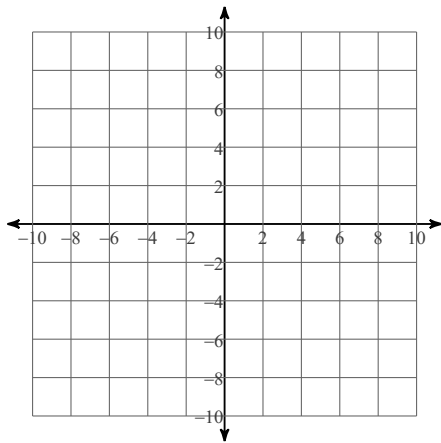
5) $f(x) = x^2 + 2x - 8$

6) Factored Equation:



Zeros (roots):

7) $f(x) = 2x^2 + 8x + 6$

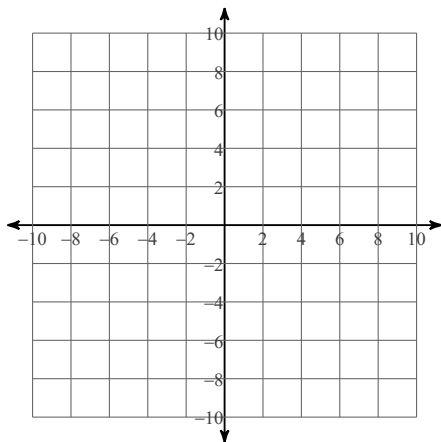


8) Factored Equation:

Zeros (roots):

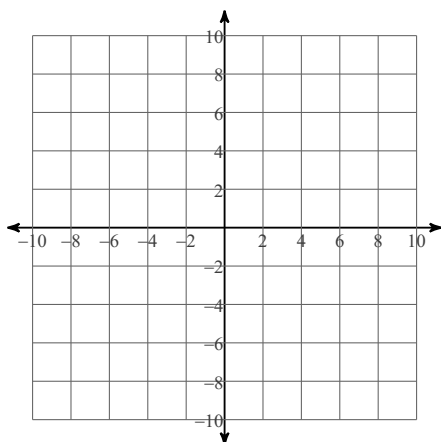
Use a graphing calculator to sketch each graph, use the quadratic equation, and answer the questions.

9) $f(x) = x^2 - 4x + 2$



10) Zeros (roots):

11) $f(x) = x^2 + 8x + 15$



12) Zeros (roots):