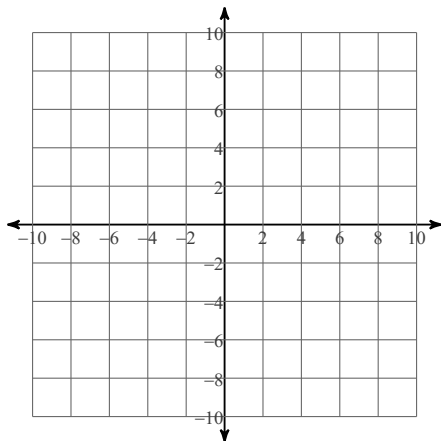


Use a graphing calculator to sketch each graph and answer the questions.

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



2) Non-Factored Equation:

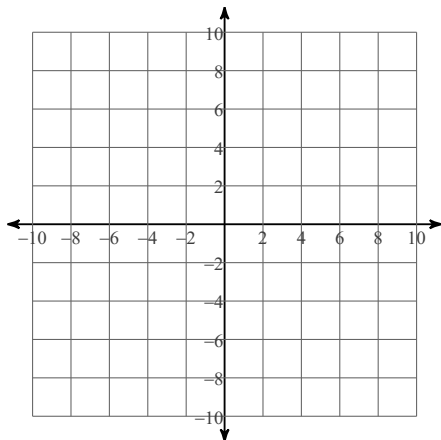
Degree and Leading Co-Efficient:

End Behavior:

Number of Zeros:

Zeros (roots):

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



4) Non-Factored Equation:

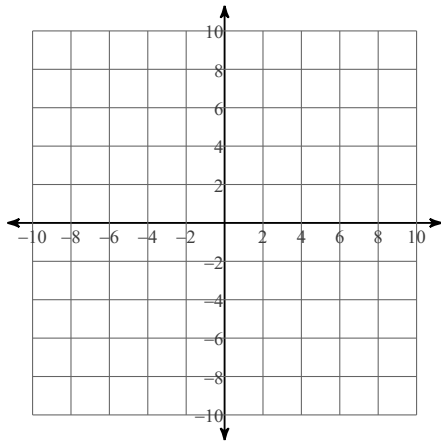
Degree and Leading Co-Efficient:

End Behavior:

Number of Zeros:

Zeros (roots):

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



6) Non-Factored Equation:

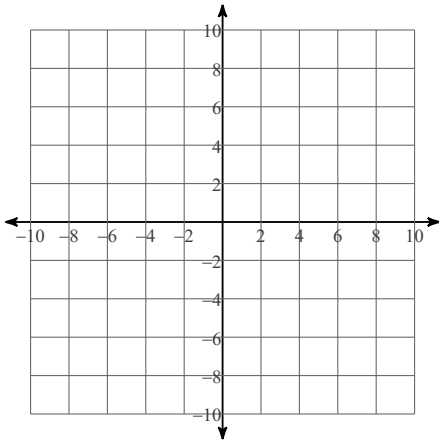
Degree and Leading Co-Efficient:

End Behavior:

Number of Zeros:

Zeros (roots):

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



8) Non-Factored Equation:

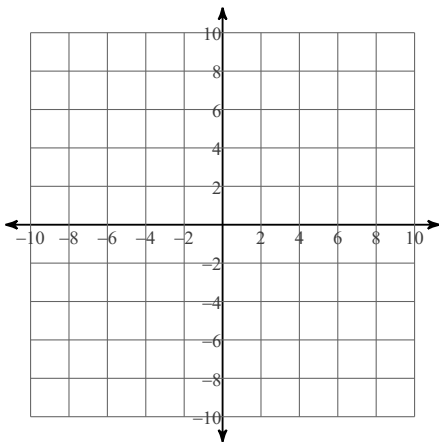
Degree and Leading Co-Efficient:

End Behavior:

Number of Zeros:

Zeros (roots):

9) $f(x) = (x - 1)(x + 2)(x + 1)(x - 2)$



10) Non-Factored Equation:

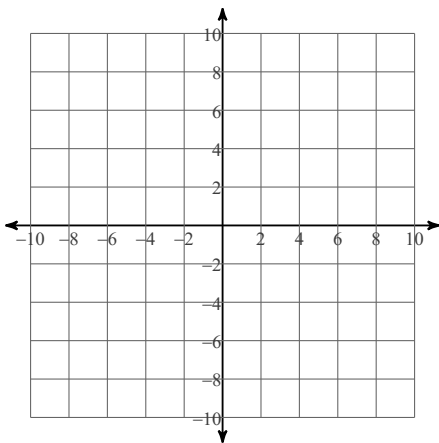
Degree and Leading Co-Efficient:

End Behavior:

Number of Zeros:

Zeros (roots):

11) $f(x) = x(3x + 5)(x + 1)(4x - 2)(x - 1)$



12) Non-Factored Equation:

Degree and Leading Co-Efficient:

End Behavior:

Number of Zeros:

Zeros (roots):