

Without graphing fill in the following for the given factored expression.

1.) $y = (x + 6)(x - 4)$

Expanded Form: _____

x-intercept(s): _____

y – intercept: _____

Line of Symmetry _____

Minimum or Maximum Point _____

2.) $y = 2x(x - 3)$

Expanded Form: _____

x-intercept(s): _____

y – intercept: _____

Line of Symmetry _____

Minimum or Maximum Point _____

3.) $y = (x - 2)(x - 2)$

Expanded Form: _____

x-intercept(s): _____

y – intercept: _____

Line of Symmetry _____

Minimum or Maximum Point _____

4.) $y = x^2 + 5x + 6$

Factored Form: _____

x-intercept(s): _____

y – intercept: _____

Line of Symmetry _____

Minimum or Maximum Point _____

5.) $y = (x + 2)(x - 2)$

Expanded Form: _____

x-intercept(s): _____

y – intercept: _____

Line of Symmetry _____

Minimum or Maximum Point _____

6.) $y = 3x(x - 2)$

Expanded Form: _____

x-intercept(s): _____

y – intercept: _____

Line of Symmetry _____

Minimum or Maximum Point _____