Classwork 12
Intermediate Algebra MTH 35
Topic: Quadratic functions

Name: _____

For the given quadratic function, determine

- if it has an absolute maximum or minimum

- find the abs max/min

- Put the quadratic function in the standard form $f(x) = a(x - h)^2 + k$.

1. $f(x) = 2x^2 - 10x + 14$

ANSWER _____

2. $f(x) = 6 - x^2 - 5x$

ANSWER _____

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

ANSWER _____

4. $f(x) = 2x^2 + 8x + 6$

ANSWER _____

5. $f(x) = x^2 - 6x + 5$

ANSWER _____