

Name: _____
Date: _____
Class: _____

Algebra
Review
Graded Homework 3

Show all of your work for every problem. The numbers in the brackets are the points that each problem is worth. Multiple Choice Problems are worth 3.
NO WORK = ZERO CREDIT

1) [4] Evaluate: $\frac{5-x^2}{6-2x} + 2 - \frac{9-x}{(x-2)^2}$ when $x = -2$

2) [3] Evaluate: $6 - 2 \left| 5 - 2(3) + \frac{5}{2} \right|$

3) [3] If a car travels 95 miles in 1 and a half hours, what is its rate of speed in miles per hour?

4) [2] If there are 8 desks in a row and 40 students in a study hall, how many rows of desks will be needed?

5) [3] Simplify: $2x - 5 + 3x - 6 - 5x$

6) [3] Simplify (but keep in fraction form): $\frac{3-4x-8-2x}{4x-9-2x+7}$

7) [3] If there are 3 feet in a yard and 12 inches in a foot, how many inches are in 4.5 yards?

8) [3] If a number is represented by a , write an expression that is 2 less than the product of this number and 5.