

Name: _____
Date: _____
Class: _____

Algebra
Review
Graded Homework 1

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) [3] Evaluate: $-|6 - 5(3) + 8 \div 4|$

2) [2] Write an expression that has a degree of 4 and 3 terms.

3) [2] Would the following answer be positive or negative (without using a calculator)?
 $(-45)(34)(-12)(-390)(199)(-61)(30)(-1263)(-179)$

4) [3] Steve divided 10 by $\frac{1}{2}$ with his calculator and got an answer of 5. Explain why this answer isn't reasonable, and also what was the mistake made with the calculator?

5) [3] Evaluate: $8 \div 4 - 3 \times 2 + 17 - 8 \times 3 \div 6$

6) [3] If you were going to add $\frac{2}{5}$ and $\frac{4}{7}$ without a calculator what would you need to do first? Set up the problem (but you do not need to add it).

7) [3] Jimmy was solving a problem involving mixed numbers using his calculator. One of the numbers in the problem was $7\frac{5}{8}$. He entered it into his calculator as $7(5/8)$. Is what he entered into his calculator the correct number? Explain.