

Name _____

HW #1

Algebra 1 – Orders of Operations

Your homework tonight is to come up with 5 order of operations problems of your own. You must show the correct completed, worked out solution as well.

For these 5 problems, there must be:

- 1 Easy Problem (2 different operations)
- 3 Medium Problems (Grouping Symbols and 3 different operations)
- 1 Hard Problem (Grouping Symbols and a minimum of 4 different operations)

The operations that you can put into your problems are:

- grouping symbols () and []
- multiplication
- division
- addition
- subtraction
- exponents

An example is shown below of a medium problem:

$$\begin{array}{r} (8+1-4) \times 3 \\ \sim \\ (9-4) \times 3 \\ 5 \times 3 = \boxed{15} \end{array}$$