Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Lesson #3 – Order of Operations Day 2 HW

**Directions**: Use the order of operations to solve the following.

$ \left(1+5^{2}\right)-16(\frac{1}{2})^{2}=$ $(2×3)^{2}+5^{2}=$

$\frac{1}{2}\left(4∙3\right)+2^{3}=$ $\frac{3}{4}\left(2^{3}+4^{2}\right)=$

$\left(\frac{1}{3}\right)^{2}+3^{2}=$ $\left(5+2^{4}\right)-64\left(\frac{1}{4}\right)^{3}=$

**Review Questions**:

1. Kimmy was working on her homework on Monday night. She did her Science homework for .5 hours, Math homework for .75 hours, ELA homework for 1 hour and Social Studies homework for $\frac{1}{3} $of an hour. [All ratios below belong in SIMPLEST FORM.]
	1. How many minutes did Kimmy spend doing each subject of homework? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
	2. How many total minutes did Kimmy spend doing homework? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
	3. Write a ratio IN MINUTES of how long Kimmy spent doing Science to ELA. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
	4. Write a ratio IN MINUTES of how long Kimmy spent doing SS to Math. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
	5. Write a ratio IN MINUTES of how long Kimmy spent doing Science to Math to SS. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_