

**Accelerated Math - "Other Assignment"**  
**Order of Operations (Section 1-2)**

Name \_\_\_\_\_

Block \_\_\_\_\_

**Due Date Monday 9/9**

**Directions:**

- \*You must use pencil for this assignment.
- \* Carefully copy each problem onto separate paper and show all steps neatly.
- \*Follow the order of operations agreement one step at a time. Each line should only have one new step. No shortcuts. Show each step.
- \*Check your answer with the key which is on the back of this paper.
- \*If you have any incorrect answers, go back and find your mistake. **DO NOT ERASE** incorrect work. Redo the problem correctly on a paper marked corrections.
- \*Make sure your work supports the correct answer.
- \*Late points will be taken off for each day late.
- \*Be sure to check that you met all the criteria of the grading rubric.

1)  $5^2 - 5 + 5$

2)  $(4 + 6 \cdot 2)^2$

3)  $(3)(2)^3 + 24 \div 6 \cdot 2$

4)  $80 - 2(3^2 + 1)$

5)  $144 \div 6^2 \div 4 \div 2$

6)  $4 + 5^2 + (4 + 5)^2$

7)  $\frac{10^2}{5} - \frac{6^2}{3} + \frac{10^2 - 6^2}{5 - 3}$

8)  $20 - 1 + 1^4 \cdot 4(1 + 2^3)$

9)  $(40 \div 2 \cdot 4)^2 + 10^3$

10)  $\frac{7 \cdot 3^2}{14 + 7^2 \div 7}$

**Key**

**1) 25**

**6) 110**

**2) 256**

**7) 40**

**3) 32**

**8) 55**

**4) 60**

**9) 7400**

**5) 0.5 or  $\frac{1}{2}$**

**10) 3**

Accelerated Math

Order of Operations "Other" Assignment

Name \_\_\_\_\_

Block \_\_\_\_\_ Date \_\_\_\_\_

Points Earned

Points Possible

Grading Criteria

\_\_\_\_\_

(2 pts)

Turned in on time (by the end of the day Friday 9/1)  
1 point subtracted for each day late

\_\_\_\_\_

(1 pt)

Work is done **in pencil**

\_\_\_\_\_

(1 pt)

Separate paper for work is attached (copy problem and show steps)

\_\_\_\_\_

(10 pts)

All problems are solved one step at a time with work shown as we did in class notes. Be sure to copy original problem

\_\_\_\_\_

(10 pts)

Correct answer is supported by correct work

\_\_\_\_\_

(24 pts)

TOTAL POINTS possible