

Order of Operations Worksheet (Day 1)

Name:

Key

Period:

Simplify each expression. Show all of your work for full credit!!!

1. $6 \cdot 2 + (4 - 3^2)$

$$6 \cdot 2 + (4 - 9)$$

$$6 \cdot 2 + -5$$

$$12 + -5$$

7

2. $[12 - 8 \div (8 - 6 \cdot 2)]$

$$[12 - 8 \div (8 - 12)]$$

$$[12 - 8 \div (-4)]$$

$$12 + 2$$

14

3. $4^3 - 12 \cdot 6 + 16 \div 4$

$$64 - 12 \cdot 6 + 16 \div 4$$

$$64 - 72 + 16 \div 4$$

$$64 - 72 + 4$$

$$-8 + 4$$

-4

4. $\frac{(4+5-6)^2}{-6+3 \cdot 5} = \frac{(9-6)^2}{-6+15} = \frac{3^2}{9} = \frac{9}{9} = 1$

5. $28 - 9 \cdot 2^3 + 3$

$$28 - 9 \cdot 8 + 3$$

$$28 - 72 + 3$$

$$-44 + 3$$

-41