

6th Grade Fast Math
Order of Operations #3

Name: _____

Date: _____ Per: _____

Evaluate the following expressions. Show all of the necessary steps that we went over in class and circle your answer.

1. $150 - (18 + 6) \cdot 5$

2. $12 \cdot 3^2 - 5$

3. $(4.8 \div 4)5 + 11.2$

4. $\frac{4.12 - 3(0.8)}{2.16 - (0.4)^2}$

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

Evaluate each expression for the given values. Show all steps and circle your answer.

6. $(1+x)^2 + 14 \div x + 5$ for $x=2$

7. $3y^3 - 2y$ for $y=3$

8. $\frac{b}{12} + 3a$ for $a = \frac{1}{2}$, $b = 8$

9. $7m - 3n^2$ for $m = 2.8$, $n = 1.5$

10. $xy + y^2$ for $x = 4\frac{1}{2}$, $y = \frac{2}{3}$