Order of Operations PRACTICE Homework Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Period \_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_

Simplify each expression. Show all work!

1. 6(-5 + 22) 2. 52 + 12 ÷ -4
2. (-2)3 + 32 – 10 4. -30 ÷ -6 x -3 + 42 – 10
3. $\frac{6^{2}}{4}$ + (-10 – 5) 6. $\frac{2^{4}}{4}$ + (-10 ÷ 2 + -9)
4. $\frac{6(2+3)}{2(1+2)}$ - (-7) 8. -10 ÷ 2 + 12 x 3 – 12
5. 4[(18 – 10) x 3 – 8] 10. 81 ÷ 9 + 13 x 3 – 20 + 4

**Order of Operations Practice**

1. Ginger bought 4 wooden beads for $4 each and 8 glass beads for $3 each. Write and evaluate the expression to determine how much money Ginger spent on beads.
2. Juan goes to the school book fair where paperback books are $1.50 and hardback books are $3.00. Juan buys three paperback books and four hardback books. Write and evaluate the expression to determine how much money Juan spent on books.
3. Aisha bought school supplies consisting of 4 spiral notebooks costing $0.39 each, 2 packages of pencils at $0.79 each, and a 3-ring binder for $1.99. Write and evaluate the expression to determine how much money she spent on school supplies.
4. Challenger:
	1. What does the following expression 8 + 30 ÷ 2 + 4 equal?
	2. Place parentheses in the expression 8 + 30 ÷ 2 + 4 so that it equals 13.
	3. Place parentheses in the expression 8 + 30 ÷ 2 + 4 so that it equals 23.