

Name \_\_\_\_\_

Date \_\_\_\_\_

Math 7, Period 1, 2, 3, 4, 5, 6, 7

\_\_\_\_\_ Problems Wrong

\_\_\_\_\_ Points Missed

\_\_\_\_\_ Grade

AC

### Order of Operations Word Problems Day 3

1. Travis goes to the book fair where paperback books are \$1.50 and hardback books are \$3. Travis buys five paperback and two hardback books. How much change will Travis receive from a \$20 bill?
2. Kim sales necklaces to earn extra money. She charges \$10 per necklace for material and \$2.75 per hour to make unique gifts. How much would two necklaces cost together if one takes her an hour to make and the other three hours to make?
3. A certain Math Club makes 35 bars of laundry soap a week and sells these at \$20 each. Before the soap can all be sold, the pupils found out that 6 bars were destroyed by mice. How much will be the total sale at the end of a four-week month? Write an expression and show your work and answer.
4. Emily had 30 cookies to bring to school for her birthday. Three students wanted two cookies each. Then, a new student came to the school that day and he wanted three cookies. Then, one of the three kids gave their two cookies back. Emily was still passing out cookies. How many cookies did Emily have left to pass out after the students gave theirs back?

5. Lilia scores 15 points fewer than Bob, who scores 35 points. Carol scores half as many points as Lilia. How many points does Carol score? Write an expression and evaluate it.

6. Which expression can be used to solve the problem below?

On a recent math test, Jill scored 3 points for each of the 18 multiple choice questions she answered correctly and 5 points for each of the 6 short response questions she answered correctly. What was her total score on the test?

A.  $3 + 5 \cdot 18 + 6$       B.  $3 + 18 \cdot 5 + 6$

C.  $3 \cdot 5 + 18 \cdot 6$       D.  $3 \cdot 18 + 5 \cdot 6$

7. The King family went out to eat. They ordered three combo meals, two sodas, and one iced tea. Write an expression representing their bill. Then, determine the cost of the dinner for the entire family.

ITEM	COST
<b>½ Pound Cheeseburger</b>	\$3.50
<b>Grilled Chicken Sandwich</b>	\$4.00
<b>Combo Meal (with fries)</b>	\$5.25
<b>Soda</b>	\$2.00
<b>Iced Tea</b>	\$2.25
<b>Milkshake (Strawberry, Chocolate, or Vanilla)</b>	\$3.75
<b>Brownie a La Mode</b>	\$4.25