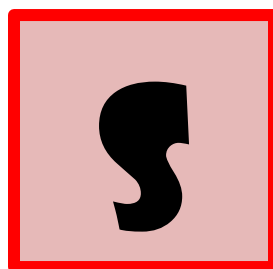
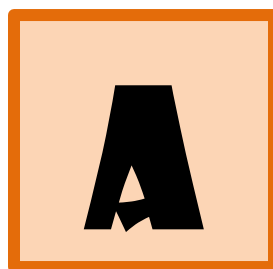


Name: _____ Period: _____ Date: _____

Order of Operations with Parentheses

Assignment
Math 5

Part 1: What does PEMDAS stand for?



Name: _____ Period: _____ Date: _____

Order of Operations with Parentheses

Assignment

Math 5

Part 2: Evaluate the following numerical expressions.

1. $6 \times (5 - 2) + 4 \div 2$

2. $(16 - 6) \div 2 + (4 \times 5)$

3. $(10 + 8) \div 3 + 6 \times (8 - 4)$

4. $8 \times (6 - 5) - 16 \div (4 \times 2)$

Name: _____ Period: _____ Date: _____

Order of Operations with Parentheses

Assignment

Math 5

5. $(10 + 8) \div 3 + 6 \times (8 - 4)$

6. $25 \times (10 - 5) + [9 - (4 \times 2)]$

7. $[9 \times (27 \div 3)] + [81 \div (27 \div 3)] - 9$

8. $[(9 - 6) \times (8 + 7)] \div [15 \div (9 - 4) \times 5]$

Order of Operations with Parentheses

Assignment
Math 5

Part 3: Solve the following problems.

1. A cookie shop is giving away packs of cookies at a cheaper price. Originally, each pack costs \$25. But for a limited time, they're offering a \$10 discount for every pack bought. May and Joy bought 8 packs and both decided to share the cost.
 - a. Write a numerical expression to represent the situation above.
 - b. How much money does May and Joy have to share?

Order of Operations with Parentheses

Assignment

Math 5

2. Nick withdrew \$3000 from his bank account. He gave his wife \$1000 and divided the remaining amount into 4, gave 3 parts to his 3 children equally and kept 1 part for himself. He bought 3 new pairs of shoes for \$75 each pair.
- a. Write a numerical expression to represent the situation above.
- b. How much money does Nick have left?