Order of Operations Introduction

Name: _____ Date: _____ Grade: Grade 4

Part A: Multiple Choice

Circle the best answer for each question.

1. Which expression equals 30?

- ◯ A) (2+3)*6
- ◯ B) 4+5*6
- ◯ C) 20-2*5
- ◯ D) (10-4)/2

2. Which expression matches 'add 6 and 4, then multiply by 5'?

- ◯ A) 6+4*5
- ◯ B) (6+4)*5
- ◯ C) 6*(4+5)
- ◯ D) 6+(4*5)

3. Where do parentheses go to make 8-3*2=10 true?

- ◯ A) 8-(3*2)
- ◯ B) 8-3*(2)
- ◯ C) (8-3)*2
- ◯ D) (8-3*2)

4. Which expression best models 'Jay has 4 boxes of 3 toys minus 2 broken'?

- ◯ A) 4+3*2
- ◯ B) (4-3)*2
- ◯ C) 4*(3-2)
- ◯ D) 4*3-2

Part B: Fill in the Blank

Write the correct answer on each line.

1. Compute 2+3*4-1 = _____ following PEMDAS strictly.

2. (6+2)*3-4 equals _____ when parens are evaluated first.

3. Place parens in 4+6/2 to get 5: _____ .

4. 20-(5+3)*2 = _____ after parens, multiplication, and subtraction.

5. (12/4+1)*3 equals _____ using order of operations.

Part A: Multiple Choice

Circle the best answer for each question.

1. Which expression equals 30?

- **A) (2+3)*6**
- B) 4+5*6
- C) 20-2*5
- D) (10-4)/2

2. Which expression matches 'add 6 and 4, then multiply by 5'?

- A) 6+4*5
- **B) (6+4)*5**
- C) 6*(4+5)
- D) 6+(4*5)

3. Where do parentheses go to make 8-3*2=10 true?

- A) 8-(3*2)
- B) 8-3*(2)
- **C) (8-3)*2**
- D) (8-3*2)

4. Which expression best models 'Jay has 4 boxes of 3 toys minus 2 broken'?

- A) 4+3*2
- B) (4-3)*2
- C) 4*(3-2)
- **D) 4*3-2**

Part B: Fill in the Blank

Write the correct answer on each line.

1. Compute 2+3*4-1 = **13** following PEMDAS strictly.

2. (6+2)*3-4 equals **20** when parens are evaluated first.

3. Place parens in 4+6/2 to get 5: **(4+6)/2** .

4. 20-(5+3)*2 = **4** after parens, multiplication, and subtraction.

5. (12/4+1)*3 equals **12** using order of operations.