

Name _____

Date _____

Impact of Parentheses ()

Part 1: Place parentheses around any two numbers and an operation, and then solve that expression. Next, solve the entire expression it creates to get the total. Write the final equation.

1. $34 - 8 \times 2$

2. $90 - 45 \div 9$

3. $72 \div 9 \times 2$

4. $18 - 9 + 23$

Part 2: Follow the order of operations by solving the problem in the parentheses, then multiplying or dividing, and finally adding or subtracting. Remember, not all operations will be used in every expression!

5. $34 - (8 \times 2)$

6. $90 - (45 \div 9)$

7. $2 \times (72 \div 9)$

8. $(18 - 9) + 23$

Think about it! Why is it important to follow the rules when using parentheses in mathematical expressions? (Consider the solutions in Part 1 and Part 2.)