

1-2 Order of Operations

Name _____

READ THESE DIRECTIONS FIRST BEFORE DOING THE PROBLEMS.

Write these problems out on your notebook paper and simplify each expression to a single number answer (*e.g.* 42, 10, -3, *etc.*).

Remember to show your work and work the problems step by step.

You can use a calculator if you need to multiply or subtract two numbers, but don't type the entire expression into the calculator, for that defeats the purpose of learning how to do the order of operations.

1. $10 - (5 + 3)$
2. $30 - 2 \cdot 5 - 10$
3. $24 \div 12 \div 2 \cdot 2$
4. $60 - (4 \cdot 10 - 10) \cdot 2 \div 2$
5.
$$\frac{4(8 - 2)}{20 - (4 + 2 \cdot 4)}$$
6. $2(8 - 5)^2 - 2(4 \div 2) \cdot 2$
7. $3(12 - 20 \div 5) \div 12 + 12$
8. $4^2 - (2 + 1)^2 - 1$
9. $6 \div 2(1 + 2)$
10. $6^2 \div 2(3) + 4$
11. $7 + 7 \div 7 + 7 \cdot 7 - 7$