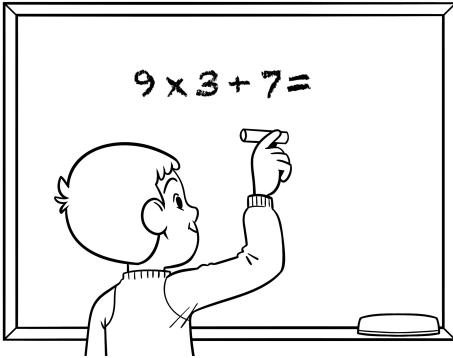Name: _____

Order of Operations

9 x 3 + 7 =

When you have different operations in a math problem, you need to solve them in a specific order.

Step 1: Solve the part in parenthesis ( ).

Step 2: Multiply and divide.

Step 3: Add and subtract.

1. $(9 + 3) \div 2 =$ _____

2. $6 - 1 \times 4 =$ _____

3. $(2 \times 5) - 4 =$ _____

4. $36 - (4 + 8) \div 4 =$ _____

5. $50 - 5 \times (27 \div 3) =$ _____

6. $15 + 24 \div (8 - 2) =$ _____

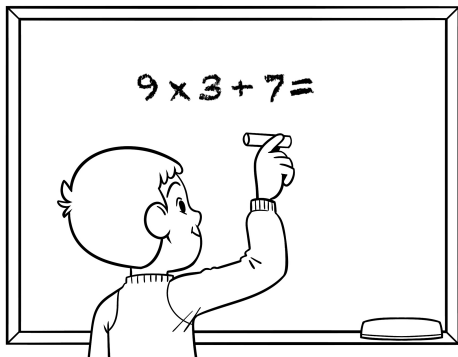**7.** Do **(12 + 6) ÷ 2** and **12 + 6 ÷ 2** have the same answer? Explain why.

_____

_____

_____

Order of Operations

$9 \times 3 + 7 =$

When you have different operations in a math problem, you need to solve them in a specific order.

Step 1: Solve the part in parenthesis ( ).

Step 2: Multiply and divide.

Step 3: Add and subtract.

1. $(9 + 3) \div 2 =$ **6**

2. $6 - 1 \times 4 =$ **2**

3. $(2 \times 5) - 4 =$ **6**

4. $36 - (4 + 8) \div 4 =$ **33**

5. $50 - 5 \times (27 \div 3) =$ **5**

6. $15 + 24 \div (8 - 2) =$ **19**

7. Do **(12 + 6) ÷ 2** and **12 + 6 ÷ 2** have the same answer? Explain why.

No, the answers are different. In the first problem, you add 12 + 6 first.

In the second problem, you divide 6 and 2 first.