Order of Operations

First perform the multiplication and division from left to right. Then perform the subtraction and addition from left to right.

Calculate: 9 \times 2 - 10 \div 5 + 1

Step 1: Multiply to get: 18 - 10 \div 5 + 1
Step 2: Divide to get: 18 - 2 + 1
Step 3: Subtract to get: 16 + 1
Step 4: Add to get the answer: 17

Directions: Calculate for following problems and show your work.

1. 1 + 3 \times 5 = 

2. 10 + 16 \div 2 = 

3. 9 \times 5 - 2 \times 7 = 

4. 20 \div 2 - 2 \times 3 = 

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Order of Operations

5. \[15 ÷ 3 + 6 \times 2 - 10 = \] 

6. \[8 \times 3 + 12 \times 2 - 1 = \] 

7. \[18 ÷ 3 - 4 \times 2 + 5 = \] 

8. \[7 \times 3 + 3 - 2 \times 4 = \] 

9. \[10 \times 2 + 3 - 4 ÷ 2 = \]
**Order of Operations**

*First perform the multiplication and division from left to right. Then perform the subtraction and addition from left to right.*

Calculate: $9 \times 2 - 10 \div 5 + 1$

**Step 1:** Multiply to get: $18 - 10 \div 5 + 1$

**Step 2:** Divide to get: $18 - 2 + 1$

**Step 3:** Subtract to get: $16 + 1$

**Step 4:** Add to get the answer: $17$

**Directions:** Calculate for following problems and show your work.

1. $1 + 3 \times 5 = 16$
   
   \[
   \begin{align*}
   & = 1 + 15 \\
   & = 16
   \end{align*}
   \]

2. $10 + 16 \div 2 = 18$
   
   \[
   \begin{align*}
   & = 10 + 8 \\
   & = 18
   \end{align*}
   \]

3. $9 \times 5 - 2 \times 7 = 31$
   
   \[
   \begin{align*}
   & = 45 - 14 \\
   & = 31
   \end{align*}
   \]

4. $20 \div 2 - 2 \times 3 = 4$
   
   \[
   \begin{align*}
   & = 10 - 6 \\
   & = 4
   \end{align*}
   \]
5. \[ 15 \div 3 + 6 \times 2 - 10 = 3 \]
   \[ = 5 + 12 - 10 \]
   \[ = 5 - 2 \]
   \[ = 3 \]

6. \[ 8 \times 3 + 12 \times 2 - 1 = 47 \]
   \[ = 24 + 24 - 1 \]
   \[ = 24 + 23 \]
   \[ = 47 \]

7. \[ 24 \div 3 - 4 \times 2 + 5 = 5 \]
   \[ = 8 - 8 + 5 \]
   \[ = 0 + 5 \]
   \[ = 5 \]

8. \[ 7 \times 3 + 3 - 2 \times 4 = 16 \]
   \[ = 21 + 3 - 8 \]
   \[ = 24 - 8 \]
   \[ = 16 \]

9. \[ 10 \times 2 + 3 - 4 \div 2 = 21 \]
   \[ = 20 + 3 - 2 \]
   \[ = 20 + 1 \]
   \[ = 21 \]