



Evaluate each expression.

1) $6 + 10(25 \div 5 + 30 \div 3)$

2) $(10 + 70 \div 7) + 7 \times 5$

3) $8 \times 5(4 + 12 \div 3)$

4) $7 + 18 \div 6(7 + 5)$

5) $9(12 \div 6 \times 4) + 90 \div 9$

6) $6(10 \div 2 + 11 - 8) \times 5$

7) $9(7 + 9 - 4) \times 8$

8) $5 + 54 \div 9(6 + 32 \div 4)$

9) $(9 + 7) + 42 \div 6 + 8 \div 4$

10) $4 + 4(6 + 10 - 7)$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Evaluate each expression.

$$\begin{aligned}
 1) \quad & 6 + 10(25 \div 5 + 30 \div 3) \\
 & 6 + 10 \times (5 + 30 \div 3) \\
 & 6 + 10 \times (5 + 10) \\
 & 6 + 10 \times (15) \\
 & 6 + 150 \\
 & \quad \quad \quad \mathbf{156}
 \end{aligned}$$

$$\begin{aligned}
 2) \quad & (10 + 70 \div 7) + 7 \times 5 \\
 & (10 + 10) + 7 \times 5 \\
 & (20) + 7 \times 5 \\
 & 20 + 35 \\
 & \quad \quad \quad \mathbf{55}
 \end{aligned}$$

$$\begin{aligned}
 3) \quad & 8 \times 5(4 + 12 \div 3) \\
 & 8 \times 5 \times (4 + 4) \\
 & 8 \times 5 \times (8) \\
 & 40 \times 8 \\
 & \quad \quad \quad \mathbf{320}
 \end{aligned}$$

$$\begin{aligned}
 4) \quad & 7 + 18 \div 6(7 + 5) \\
 & 7 + 18 \div 6 \times (12) \\
 & 7 + 3 \times 12 \\
 & 7 + 36 \\
 & \quad \quad \quad \mathbf{43}
 \end{aligned}$$

$$\begin{aligned}
 5) \quad & 9(12 \div 6 \times 4) + 90 \div 9 \\
 & 9 \times (2 \times 4) + 90 \div 9 \\
 & 9 \times (8) + 90 \div 9 \\
 & 72 + 90 \div 9 \\
 & 72 + 10 \\
 & \quad \quad \quad \mathbf{82}
 \end{aligned}$$

$$\begin{aligned}
 6) \quad & 6(10 \div 2 + 11 - 8) \times 5 \\
 & 6 \times (5 + 11 - 8) \times 5 \\
 & 6 \times (16 - 8) \times 5 \\
 & 6 \times (8) \times 5 \\
 & 48 \times 5 \\
 & \quad \quad \quad \mathbf{240}
 \end{aligned}$$

$$\begin{aligned}
 7) \quad & 9(7 + 9 - 4) \times 8 \\
 & 9 \times (16 - 4) \times 8 \\
 & 9 \times (12) \times 8 \\
 & 108 \times 8 \\
 & \quad \quad \quad \mathbf{864}
 \end{aligned}$$

$$\begin{aligned}
 8) \quad & 5 + 54 \div 9(6 + 32 \div 4) \\
 & 5 + 54 \div 9 \times (6 + 8) \\
 & 5 + 54 \div 9 \times (14) \\
 & 5 + 6 \times 14 \\
 & 5 + 84 \\
 & \quad \quad \quad \mathbf{89}
 \end{aligned}$$

$$\begin{aligned}
 9) \quad & (9 + 7) + 42 \div 6 + 8 \div 4 \\
 & (16) + 42 \div 6 + 8 \div 4 \\
 & 16 + 7 + 8 \div 4 \\
 & 16 + 7 + 2 \\
 & 23 + 2 \\
 & \quad \quad \quad \mathbf{25}
 \end{aligned}$$

$$\begin{aligned}
 10) \quad & 4 + 4(6 + 10 - 7) \\
 & 4 + 4 \times (16 - 7) \\
 & 4 + 4 \times (9) \\
 & 4 + 36 \\
 & \quad \quad \quad \mathbf{40}
 \end{aligned}$$

Answers1. 1562. 553. 3204. 435. 826. 2407. 8648. 899. 2510. 40