



Evaluate each expression.

1) $(9 \times 7) + 48 \div 8 + 12 \div 4$

2) $3(8 - 2 + 2) + 9 - 2$

3) $7(20 \div 10 \times 4) \times 8$

4) $8 \times 5(10 - 2 + 14 - 6)$

5) $(2 + 63 \div 9) \times 4 + 5 - 2$

6) $(3 + 90 \div 10) + 40 \div 8 + 7$

7) $10(9 - 2 + 6) + 12 - 7$

8) $(4 + 48 \div 6) + 24 \div 6 \times 5$

9) $(6 + 6 - 5) + 12 - 10 + 8$

10) $9(16 - 9 + 7 - 6) + 4$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Evaluate each expression.

$$\begin{aligned}
 1) \quad & (9 \times 7) + 48 \div 8 + 12 \div 4 \\
 & \mathbf{(63) + 48 \div 8 + 12 \div 4} \\
 & \mathbf{63 + 6 + 12 \div 4} \\
 & \mathbf{63 + 6 + 3} \\
 & \mathbf{69 + 3} \\
 & \mathbf{72}
 \end{aligned}$$

$$\begin{aligned}
 2) \quad & 3(8 - 2 + 2) + 9 - 2 \\
 & \mathbf{3 \times (6 + 2) + 9 - 2} \\
 & \mathbf{3 \times (8) + 9 - 2} \\
 & \mathbf{24 + 9 - 2} \\
 & \mathbf{33 - 2} \\
 & \mathbf{31}
 \end{aligned}$$

$$\begin{aligned}
 3) \quad & 7(20 \div 10 \times 4) \times 8 \\
 & \mathbf{7 \times (2 \times 4) \times 8} \\
 & \mathbf{7 \times (8) \times 8} \\
 & \mathbf{56 \times 8} \\
 & \mathbf{448}
 \end{aligned}$$

$$\begin{aligned}
 4) \quad & 8 \times 5(10 - 2 + 14 - 6) \\
 & \mathbf{8 \times 5 \times (8 + 14 - 6)} \\
 & \mathbf{8 \times 5 \times (22 - 6)} \\
 & \mathbf{8 \times 5 \times (16)} \\
 & \mathbf{40 \times 16} \\
 & \mathbf{640}
 \end{aligned}$$

$$\begin{aligned}
 5) \quad & (2 + 63 \div 9) \times 4 + 5 - 2 \\
 & \mathbf{(2 + 7) \times 4 + 5 - 2} \\
 & \mathbf{(9) \times 4 + 5 - 2} \\
 & \mathbf{36 + 5 - 2} \\
 & \mathbf{41 - 2} \\
 & \mathbf{39}
 \end{aligned}$$

$$\begin{aligned}
 6) \quad & (3 + 90 \div 10) + 40 \div 8 + 7 \\
 & \mathbf{(3 + 9) + 40 \div 8 + 7} \\
 & \mathbf{(12) + 40 \div 8 + 7} \\
 & \mathbf{12 + 5 + 7} \\
 & \mathbf{17 + 7} \\
 & \mathbf{24}
 \end{aligned}$$

$$\begin{aligned}
 7) \quad & 10(9 - 2 + 6) + 12 - 7 \\
 & \mathbf{10 \times (7 + 6) + 12 - 7} \\
 & \mathbf{10 \times (13) + 12 - 7} \\
 & \mathbf{130 + 12 - 7} \\
 & \mathbf{142 - 7} \\
 & \mathbf{135}
 \end{aligned}$$

$$\begin{aligned}
 8) \quad & (4 + 48 \div 6) + 24 \div 6 \times 5 \\
 & \mathbf{(4 + 8) + 24 \div 6 \times 5} \\
 & \mathbf{(12) + 24 \div 6 \times 5} \\
 & \mathbf{12 + 4 \times 5} \\
 & \mathbf{12 + 20} \\
 & \mathbf{32}
 \end{aligned}$$

$$\begin{aligned}
 9) \quad & (6 + 6 - 5) + 12 - 10 + 8 \\
 & \mathbf{(12 - 5) + 12 - 10 + 8} \\
 & \mathbf{(7) + 12 - 10 + 8} \\
 & \mathbf{19 - 10 + 8} \\
 & \mathbf{9 + 8} \\
 & \mathbf{17}
 \end{aligned}$$

$$\begin{aligned}
 10) \quad & 9(16 - 9 + 7 - 6) + 4 \\
 & \mathbf{9 \times (7 + 7 - 6) + 4} \\
 & \mathbf{9 \times (14 - 6) + 4} \\
 & \mathbf{9 \times (8) + 4} \\
 & \mathbf{72 + 4} \\
 & \mathbf{76}
 \end{aligned}$$

Answers1. 722. 313. 4484. 6405. 396. 247. 1358. 329. 1710. 76