



Evaluate each expression.

1)  $10 + 36 \div 9(3 - 2 \times 8)$

2)  $3(4 + 12 \div 4) \times 3$

3)  $2(2 + 4) + 12 - 8$

4)  $(3 \times 9) + 14 - 5 + 12 - 8$

5)  $7 + 24 \div 6(7 + 10 - 4)$

6)  $4(90 \div 10 + 5) + 40 \div 4$

7)  $2 + 10(5 + 7)$

8)  $8(42 \div 6 \times 8) + 10$

9)  $9 + 6 - 2(6 + 17 - 8)$

10)  $(4 + 16 - 9) + 13 - 8 \times 4$

Answers

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_



Evaluate each expression.

$$\begin{aligned}
 1) \quad & 10 + 36 \div 9(3 - 2 \times 8) \\
 & 10 + 36 \div 9 \times (3 - 16) \\
 & 10 + 36 \div 9 \times (-13) \\
 & 10 + 4 \times -13 \\
 & 10 - 52 \\
 & -42
 \end{aligned}$$

$$\begin{aligned}
 2) \quad & 3(4 + 12 \div 4) \times 3 \\
 & 3 \times (4 + 3) \times 3 \\
 & 3 \times (7) \times 3 \\
 & 21 \times 3 \\
 & 63
 \end{aligned}$$

$$\begin{aligned}
 3) \quad & 2(2 + 4) + 12 - 8 \\
 & 2 \times (6) + 12 - 8 \\
 & 12 + 12 - 8 \\
 & 24 - 8 \\
 & 16
 \end{aligned}$$

$$\begin{aligned}
 4) \quad & (3 \times 9) + 14 - 5 + 12 - 8 \\
 & (27) + 14 - 5 + 12 - 8 \\
 & 41 - 5 + 12 - 8 \\
 & 36 + 12 - 8 \\
 & 48 - 8 \\
 & 40
 \end{aligned}$$

$$\begin{aligned}
 5) \quad & 7 + 24 \div 6(7 + 10 - 4) \\
 & 7 + 24 \div 6 \times (17 - 4) \\
 & 7 + 24 \div 6 \times (13) \\
 & 7 + 4 \times 13 \\
 & 7 + 52 \\
 & 59
 \end{aligned}$$

$$\begin{aligned}
 6) \quad & 4(90 \div 10 + 5) + 40 \div 4 \\
 & 4 \times (9 + 5) + 40 \div 4 \\
 & 4 \times (14) + 40 \div 4 \\
 & 56 + 40 \div 4 \\
 & 56 + 10 \\
 & 66
 \end{aligned}$$

$$\begin{aligned}
 7) \quad & 2 + 10(5 + 7) \\
 & 2 + 10 \times (12) \\
 & 2 + 120 \\
 & 122
 \end{aligned}$$

$$\begin{aligned}
 8) \quad & 8(42 \div 6 \times 8) + 10 \\
 & 8 \times (7 \times 8) + 10 \\
 & 8 \times (56) + 10 \\
 & 448 + 10 \\
 & 458
 \end{aligned}$$

$$\begin{aligned}
 9) \quad & 9 + 6 - 2(6 + 17 - 8) \\
 & 9 + 6 - 2 \times (23 - 8) \\
 & 9 + 6 - 2 \times (15) \\
 & 9 + 6 - 30 \\
 & 15 - 30 \\
 & -15
 \end{aligned}$$

$$\begin{aligned}
 10) \quad & (4 + 16 - 9) + 13 - 8 \times 4 \\
 & (20 - 9) + 13 - 8 \times 4 \\
 & (11) + 13 - 8 \times 4 \\
 & 11 + 13 - 32 \\
 & 24 - 32 \\
 & -8
 \end{aligned}$$

Answers

1. -42
2. 63
3. 16
4. 40
5. 59
6. 66
7. 122
8. 458
9. -15
10. -8



Evaluate each expression.

40

66

-42

458

59

122

16

63

**Answers**

1)  $10 + 36 \div 9(3 - 2 \times 8)$

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8)  $8(42 \div 6 \times 8) + 10$

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

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6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_