



Evaluate each expression.

1) $8 + 40 \div 8(4 \times 9)$

2) $(6 \times 9) + 10 + 3^3$

3) $(5 + 9^2) \times 3 + 27 \div 3$

4) $10(10 - 2 + 21 \div 3) \times 8$

5) $(8 + 15 - 6) \times 7 + 14 \div 7$

6) $9 \times 9(36 \div 6 + 10^2)$

7) $3 + 21 \div 7(6 + 7)$

8) $8 + 30 \div 6(7 + 7^2)$

9) $(3 + 7 - 5) + 3 + 10^3$

10) $9(3 - 2 + 9^2) + 6$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Evaluate each expression.

$$\begin{aligned}
 1) \quad & 8 + 40 \div 8(4 \times 9) \\
 & 8 + 40 \div 8 \times (36) \\
 & 8 + 5 \times 36 \\
 & 8 + 180 \\
 & 188
 \end{aligned}$$

$$\begin{aligned}
 2) \quad & (6 \times 9) + 10 + 3^3 \\
 & (54) + 10 + 3^3 \\
 & 54 + 10 + 27 \\
 & 64 + 27 \\
 & 91
 \end{aligned}$$

$$\begin{aligned}
 3) \quad & (5 + 9^2) \times 3 + 27 \div 3 \\
 & (5 + 81) \times 3 + 27 \div 3 \\
 & (86) \times 3 + 27 \div 3 \\
 & 258 + 27 \div 3 \\
 & 258 + 9 \\
 & 267
 \end{aligned}$$

$$\begin{aligned}
 4) \quad & 10(10 - 2 + 21 \div 3) \times 8 \\
 & 10 \times (10 - 2 + 7) \times 8 \\
 & 10 \times (8 + 7) \times 8 \\
 & 10 \times (15) \times 8 \\
 & 150 \times 8 \\
 & 1200
 \end{aligned}$$

$$\begin{aligned}
 5) \quad & (8 + 15 - 6) \times 7 + 14 \div 7 \\
 & (23 - 6) \times 7 + 14 \div 7 \\
 & (17) \times 7 + 14 \div 7 \\
 & 119 + 14 \div 7 \\
 & 119 + 2 \\
 & 121
 \end{aligned}$$

$$\begin{aligned}
 6) \quad & 9 \times 9(36 \div 6 + 10^2) \\
 & 9 \times 9 \times (36 \div 6 + 100) \\
 & 9 \times 9 \times (6 + 100) \\
 & 9 \times 9 \times (106) \\
 & 81 \times 106 \\
 & 8586
 \end{aligned}$$

$$\begin{aligned}
 7) \quad & 3 + 21 \div 7(6 + 7) \\
 & 3 + 21 \div 7 \times (13) \\
 & 3 + 3 \times 13 \\
 & 3 + 39 \\
 & 42
 \end{aligned}$$

$$\begin{aligned}
 8) \quad & 8 + 30 \div 6(7 + 7^2) \\
 & 8 + 30 \div 6 \times (7 + 49) \\
 & 8 + 30 \div 6 \times (56) \\
 & 8 + 5 \times 56 \\
 & 8 + 280 \\
 & 288
 \end{aligned}$$

$$\begin{aligned}
 9) \quad & (3 + 7 - 5) + 3 + 10^3 \\
 & (10 - 5) + 3 + 10^3 \\
 & (5) + 3 + 10^3 \\
 & 5 + 3 + 1000 \\
 & 8 + 1000 \\
 & 1008
 \end{aligned}$$

$$\begin{aligned}
 10) \quad & 9(3 - 2 + 9^2) + 6 \\
 & 9 \times (3 - 2 + 81) + 6 \\
 & 9 \times (1 + 81) + 6 \\
 & 9 \times (82) + 6 \\
 & 738 + 6 \\
 & 744
 \end{aligned}$$

Answers

1. 188
2. 91
3. 267
4. 1,200
5. 121
6. 8,586
7. 42
8. 288
9. 1,008
10. 744



Evaluate each expression.

91

42

267

1,200

188

121

8,586

288

Answers

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1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____