



Evaluate each expression.

1) $7 + 12 \div 3(5 + 4 - 2)$

2) $7(5 + 9 \div 3) + 15 - 7$

3) $(8 \times 3) + 35 \div 7 + 7$

4) $3 \times 5(12 - 9 \times 3)$

5) $4(8 \times 3) + 7 - 4$

6) $(3 + 12 - 3) \times 6 + 40 \div 8$

7) $2(9 \times 7) + 42 \div 6$

8) $4(24 \div 8 \times 2) + 5 - 3$

9) $3(28 \div 4 + 7) + 2$

10) $10(18 - 10 + 2) + 6 \div 2$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Evaluate each expression.

$$\begin{aligned}
 1) \quad & 7 + 12 \div 3(5 + 4 - 2) \\
 & 7 + 12 \div 3 \times (9 - 2) \\
 & 7 + 12 \div 3 \times (7) \\
 & 7 + 4 \times 7 \\
 & 7 + 28 \\
 & \mathbf{35}
 \end{aligned}$$

$$\begin{aligned}
 2) \quad & 7(5 + 9 \div 3) + 15 - 7 \\
 & 7 \times (5 + 3) + 15 - 7 \\
 & 7 \times (8) + 15 - 7 \\
 & 56 + 15 - 7 \\
 & 71 - 7 \\
 & \mathbf{64}
 \end{aligned}$$

$$\begin{aligned}
 3) \quad & (8 \times 3) + 35 \div 7 + 7 \\
 & (24) + 35 \div 7 + 7 \\
 & 24 + 5 + 7 \\
 & 29 + 7 \\
 & \mathbf{36}
 \end{aligned}$$

$$\begin{aligned}
 4) \quad & 3 \times 5(12 - 9 \times 3) \\
 & 3 \times 5 \times (12 - 27) \\
 & 3 \times 5 \times (-15) \\
 & 15 \times -15 \\
 & \mathbf{-225}
 \end{aligned}$$

$$\begin{aligned}
 5) \quad & 4(8 \times 3) + 7 - 4 \\
 & 4 \times (24) + 7 - 4 \\
 & 96 + 7 - 4 \\
 & 103 - 4 \\
 & \mathbf{99}
 \end{aligned}$$

$$\begin{aligned}
 6) \quad & (3 + 12 - 3) \times 6 + 40 \div 8 \\
 & (15 - 3) \times 6 + 40 \div 8 \\
 & (12) \times 6 + 40 \div 8 \\
 & 72 + 40 \div 8 \\
 & 72 + 5 \\
 & \mathbf{77}
 \end{aligned}$$

$$\begin{aligned}
 7) \quad & 2(9 \times 7) + 42 \div 6 \\
 & 2 \times (63) + 42 \div 6 \\
 & 126 + 42 \div 6 \\
 & 126 + 7 \\
 & \mathbf{133}
 \end{aligned}$$

$$\begin{aligned}
 8) \quad & 4(24 \div 8 \times 2) + 5 - 3 \\
 & 4 \times (3 \times 2) + 5 - 3 \\
 & 4 \times (6) + 5 - 3 \\
 & 24 + 5 - 3 \\
 & 29 - 3 \\
 & \mathbf{26}
 \end{aligned}$$

$$\begin{aligned}
 9) \quad & 3(28 \div 4 + 7) + 2 \\
 & 3 \times (7 + 7) + 2 \\
 & 3 \times (14) + 2 \\
 & 42 + 2 \\
 & \mathbf{44}
 \end{aligned}$$

$$\begin{aligned}
 10) \quad & 10(18 - 10 + 2) + 6 \div 2 \\
 & 10 \times (8 + 2) + 6 \div 2 \\
 & 10 \times (10) + 6 \div 2 \\
 & 100 + 6 \div 2 \\
 & 100 + 3 \\
 & \mathbf{103}
 \end{aligned}$$

Answers1. 352. 643. 364. -2255. 996. 777. 1338. 269. 4410. 103



Evaluate each expression.

-225

99

77

35

64

36

133

26

Answers

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7) $2(9 \times 7) + 42 \div 6$

8) $4(24 \div 8 \times 2) + 5 - 3$

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