



Evaluate each expression.

1) $8(10+7^2)\times 7$

2) $6(2^3+3)+6\div 2$

3) $(6+4)+63\div 9+24\div 6$

4) $7(10\times 7)\times 10$

5) $6+3(4+2)$

6) $6\times 9(7-4+15-8)$

7) $(8+17-9)+16\div 4\times 4$

8) $10\times 6(9+3^3)$

9) $(10+5^3)\times 6\times 9$

10) $(7+5)+9-8+2$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Evaluate each expression.

$$\begin{aligned}
 1) \quad & 8(10+7^2) \times 7 \\
 & 8 \times (10+49) \times 7 \\
 & 8 \times (59) \times 7 \\
 & 472 \times 7 \\
 & 3304
 \end{aligned}$$

$$\begin{aligned}
 2) \quad & 6(2^3+3)+6 \div 2 \\
 & 6 \times (8+3)+6 \div 2 \\
 & 6 \times (11)+6 \div 2 \\
 & 66+6 \div 2 \\
 & 66+3 \\
 & 69
 \end{aligned}$$

$$\begin{aligned}
 3) \quad & (6+4)+63 \div 9+24 \div 6 \\
 & (10)+63 \div 9+24 \div 6 \\
 & 10+7+24 \div 6 \\
 & 10+7+4 \\
 & 17+4 \\
 & 21
 \end{aligned}$$

$$\begin{aligned}
 4) \quad & 7(10 \times 7) \times 10 \\
 & 7 \times (70) \times 10 \\
 & 490 \times 10 \\
 & 4900
 \end{aligned}$$

$$\begin{aligned}
 5) \quad & 6+3(4+2) \\
 & 6+3 \times (6) \\
 & 6+18 \\
 & 24
 \end{aligned}$$

$$\begin{aligned}
 6) \quad & 6 \times 9(7-4+15-8) \\
 & 6 \times 9 \times (3+15-8) \\
 & 6 \times 9 \times (18-8) \\
 & 6 \times 9 \times (10) \\
 & 54 \times 10 \\
 & 540
 \end{aligned}$$

$$\begin{aligned}
 7) \quad & (8+17-9)+16 \div 4 \times 4 \\
 & (25-9)+16 \div 4 \times 4 \\
 & (16)+16 \div 4 \times 4 \\
 & 16+4 \times 4 \\
 & 16+16 \\
 & 32
 \end{aligned}$$

$$\begin{aligned}
 8) \quad & 10 \times 6(9+3^3) \\
 & 10 \times 6 \times (9+27) \\
 & 10 \times 6 \times (36) \\
 & 60 \times 36 \\
 & 2160
 \end{aligned}$$

$$\begin{aligned}
 9) \quad & (10+5^3) \times 6 \times 9 \\
 & (10+125) \times 6 \times 9 \\
 & (135) \times 6 \times 9 \\
 & 810 \times 9 \\
 & 7290
 \end{aligned}$$

$$\begin{aligned}
 10) \quad & (7+5)+9-8+2 \\
 & (12)+9-8+2 \\
 & 21-8+2 \\
 & 13+2 \\
 & 15
 \end{aligned}$$

Answers

1. 3,304
2. 69
3. 21
4. 4,900
5. 24
6. 540
7. 32
8. 2,160
9. 7,290
10. 15