



Evaluate each expression.

1) $(4+8^2)+6^3 \times 4$

2) $8(10 \div 5 + 10) + 15 - 9$

3) $8(8+100 \div 10) + 7$

4) $(10+6) + 7 - 4 + 5^2$

5) $4 \times 6(4^2 + 5^3)$

6) $2(3+35 \div 5) + 7^3$

7) $(10+10-3) \times 7 + 30 \div 6$

8) $4(6-3+2) + 5$

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

10) $(6+9) + 5^2 + 11 - 9$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Evaluate each expression.

$$\begin{aligned}
 1) \quad & (4+8^2)+6^3 \times 4 \\
 & (4+64)+6^3 \times 4 \\
 & (68)+6^3 \times 4 \\
 & 68+216 \times 4 \\
 & 68+864 \\
 & \mathbf{932}
 \end{aligned}$$

$$\begin{aligned}
 3) \quad & 8(8+100 \div 10)+7 \\
 & 8 \times (8+10)+7 \\
 & 8 \times (18)+7 \\
 & 144+7 \\
 & \mathbf{151}
 \end{aligned}$$

$$\begin{aligned}
 5) \quad & 4 \times 6(4^2+5^3) \\
 & 4 \times 6 \times (16+5^3) \\
 & 4 \times 6 \times (16+125) \\
 & 4 \times 6 \times (141) \\
 & 24 \times 141 \\
 & \mathbf{3384}
 \end{aligned}$$

$$\begin{aligned}
 7) \quad & (10+10-3) \times 7+30 \div 6 \\
 & (20-3) \times 7+30 \div 6 \\
 & (17) \times 7+30 \div 6 \\
 & 119+30 \div 6 \\
 & 119+5 \\
 & \mathbf{124}
 \end{aligned}$$

$$\begin{aligned}
 9) \quad & 5+6^3(9 \times 10) \\
 & 5+6^3 \times (90) \\
 & 5+216 \times 90 \\
 & 5+19440 \\
 & \mathbf{19445}
 \end{aligned}$$

$$\begin{aligned}
 2) \quad & 8(10 \div 5+10)+15-9 \\
 & 8 \times (2+10)+15-9 \\
 & 8 \times (12)+15-9 \\
 & 96+15-9 \\
 & 111-9 \\
 & \mathbf{102}
 \end{aligned}$$

$$\begin{aligned}
 4) \quad & (10+6)+7-4+5^2 \\
 & (16)+7-4+5^2 \\
 & 16+7-4+25 \\
 & 23-4+25 \\
 & 19+25 \\
 & \mathbf{44}
 \end{aligned}$$

$$\begin{aligned}
 6) \quad & 2(3+35 \div 5)+7^3 \\
 & 2 \times (3+7)+7^3 \\
 & 2 \times (10)+7^3 \\
 & 2 \times 10+343 \\
 & 20+343 \\
 & \mathbf{363}
 \end{aligned}$$

$$\begin{aligned}
 8) \quad & 4(6-3+2)+5 \\
 & 4 \times (3+2)+5 \\
 & 4 \times (5)+5 \\
 & 20+5 \\
 & \mathbf{25}
 \end{aligned}$$

$$\begin{aligned}
 10) \quad & (6+9)+5^2+11-9 \\
 & (15)+5^2+11-9 \\
 & 15+25+11-9 \\
 & 40+11-9 \\
 & 51-9 \\
 & \mathbf{42}
 \end{aligned}$$

Answers1. 9322. 1023. 1514. 445. 3,3846. 3637. 1248. 259. 19,44510. 42



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1) $(4+8^2)+6^3\times 4$

2) $8(10\div 5+10)+15-9$

3) $8(8+100\div 10)+7$

4) $(10+6)+7-4+5^2$

5) $4\times 6(4^2+5^3)$

6) $2(3+35\div 5)+7^3$

7) $(10+10-3)\times 7+30\div 6$

8) $4(6-3+2)+5$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____