



Evaluate each expression.

1) $9 + 4(2^2 + 6 - 5)$

2) $6(7^3 + 4^2) + 6$

3) $7(2 + 8^3) + 4$

4) $2(45 \div 5 + 6) + 8 - 5$

5) $10(5 + 11 - 8) \times 9$

6) $(2 \times 8) \times 4 + 10$

7) $5(9 + 2) \times 7$

8) $7 + 8(4^2 \times 8)$

9) $5(3 \times 10) + 7^3$

10) $7 + 7^3(8 \div 2 + 3)$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Evaluate each expression.

$$\begin{aligned}
 1) \quad & 9+4(2^2+6-5) \\
 & 9+4\times(4+6-5) \\
 & 9+4\times(10-5) \\
 & 9+4\times(5) \\
 & 9+20 \\
 & \mathbf{29}
 \end{aligned}$$

$$\begin{aligned}
 2) \quad & 6(7^3+4^2)+6 \\
 & 6\times(343+4^2)+6 \\
 & 6\times(343+16)+6 \\
 & 6\times(359)+6 \\
 & 2154+6 \\
 & \mathbf{2160}
 \end{aligned}$$

$$\begin{aligned}
 3) \quad & 7(2+8^3)+4 \\
 & 7\times(2+512)+4 \\
 & 7\times(514)+4 \\
 & 3598+4 \\
 & \mathbf{3602}
 \end{aligned}$$

$$\begin{aligned}
 4) \quad & 2(45\div 5+6)+8-5 \\
 & 2\times(9+6)+8-5 \\
 & 2\times(15)+8-5 \\
 & 30+8-5 \\
 & 38-5 \\
 & \mathbf{33}
 \end{aligned}$$

$$\begin{aligned}
 5) \quad & 10(5+11-8)\times 9 \\
 & 10\times(16-8)\times 9 \\
 & 10\times(8)\times 9 \\
 & 80\times 9 \\
 & \mathbf{720}
 \end{aligned}$$

$$\begin{aligned}
 6) \quad & (2\times 8)\times 4+10 \\
 & (16)\times 4+10 \\
 & 64+10 \\
 & \mathbf{74}
 \end{aligned}$$

$$\begin{aligned}
 7) \quad & 5(9+2)\times 7 \\
 & 5\times(11)\times 7 \\
 & 55\times 7 \\
 & \mathbf{385}
 \end{aligned}$$

$$\begin{aligned}
 8) \quad & 7+8(4^2\times 8) \\
 & 7+8\times(16\times 8) \\
 & 7+8\times(128) \\
 & 7+1024 \\
 & \mathbf{1031}
 \end{aligned}$$

$$\begin{aligned}
 9) \quad & 5(3\times 10)+7^3 \\
 & 5\times(30)+7^3 \\
 & 5\times 30+343 \\
 & 150+343 \\
 & \mathbf{493}
 \end{aligned}$$

$$\begin{aligned}
 10) \quad & 7+7^3(8\div 2+3) \\
 & 7+7^3\times(4+3) \\
 & 7+7^3\times(7) \\
 & 7+343\times 7 \\
 & 7+2401 \\
 & \mathbf{2408}
 \end{aligned}$$

Answers1. 292. 2,1603. 3,6024. 335. 7206. 747. 3858. 1,0319. 49310. 2,408



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