



Evaluate each expression.

1) $(6 + 54 \div 9) + 4^2 \times 2$

2) $6(7 + 11 - 9) + 5^3$

3) $(9 + 7^3) + 6 - 3 \times 10$

4) $8(35 \div 7 \times 5) + 12 - 3$

5) $(3 \times 8) + 40 \div 10 + 18 \div 6$

6) $(6 + 7 - 5) \times 8 \times 2$

7) $5(7 - 2 + 2^3) \times 8$

8) $5 + 6(4 + 30 \div 10)$

9) $5 \times 4(6 \div 2 + 18 \div 2)$

10) $9(3 + 15 - 10) + 4$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Evaluate each expression.

$$\begin{aligned}
 1) \quad & (6+54 \div 9)+4^2 \times 2 \\
 & (6+6)+4^2 \times 2 \\
 & (12)+4^2 \times 2 \\
 & 12+16 \times 2 \\
 & 12+32 \\
 & \mathbf{44}
 \end{aligned}$$

$$\begin{aligned}
 2) \quad & 6(7+11-9)+5^3 \\
 & 6 \times (18-9)+5^3 \\
 & 6 \times (9)+5^3 \\
 & 6 \times 9+125 \\
 & 54+125 \\
 & \mathbf{179}
 \end{aligned}$$

$$\begin{aligned}
 3) \quad & (9+7^3)+6-3 \times 10 \\
 & (9+343)+6-3 \times 10 \\
 & (352)+6-3 \times 10 \\
 & 352+6-30 \\
 & 358-30 \\
 & \mathbf{328}
 \end{aligned}$$

$$\begin{aligned}
 4) \quad & 8(35 \div 7 \times 5)+12-3 \\
 & 8 \times (5 \times 5)+12-3 \\
 & 8 \times (25)+12-3 \\
 & 200+12-3 \\
 & 212-3 \\
 & \mathbf{209}
 \end{aligned}$$

$$\begin{aligned}
 5) \quad & (3 \times 8)+40 \div 10+18 \div 6 \\
 & (24)+40 \div 10+18 \div 6 \\
 & 24+4+18 \div 6 \\
 & 24+4+3 \\
 & 28+3 \\
 & \mathbf{31}
 \end{aligned}$$

$$\begin{aligned}
 6) \quad & (6+7-5) \times 8 \times 2 \\
 & (13-5) \times 8 \times 2 \\
 & (8) \times 8 \times 2 \\
 & 64 \times 2 \\
 & \mathbf{128}
 \end{aligned}$$

$$\begin{aligned}
 7) \quad & 5(7-2+2^3) \times 8 \\
 & 5 \times (7-2+8) \times 8 \\
 & 5 \times (5+8) \times 8 \\
 & 5 \times (13) \times 8 \\
 & 65 \times 8 \\
 & \mathbf{520}
 \end{aligned}$$

$$\begin{aligned}
 8) \quad & 5+6(4+30 \div 10) \\
 & 5+6 \times (4+3) \\
 & 5+6 \times (7) \\
 & 5+42 \\
 & \mathbf{47}
 \end{aligned}$$

$$\begin{aligned}
 9) \quad & 5 \times 4(6 \div 2+18 \div 2) \\
 & 5 \times 4 \times (3+18 \div 2) \\
 & 5 \times 4 \times (3+9) \\
 & 5 \times 4 \times (12) \\
 & 20 \times 12 \\
 & \mathbf{240}
 \end{aligned}$$

$$\begin{aligned}
 10) \quad & 9(3+15-10)+4 \\
 & 9 \times (18-10)+4 \\
 & 9 \times (8)+4 \\
 & 72+4 \\
 & \mathbf{76}
 \end{aligned}$$

Answers

1. 44
2. 179
3. 328
4. 209
5. 31
6. 128
7. 520
8. 47
9. 240
10. 76



Evaluate each expression.

179

47

44

209

128

328

31

520

Answers

1) $(6 + 54 \div 9) + 4^2 \times 2$

2) $6(7 + 11 - 9) + 5^3$

3) $(9 + 7^3) + 6 - 3 \times 10$

4) $8(35 \div 7 \times 5) + 12 - 3$

5) $(3 \times 8) + 40 \div 10 + 18 \div 6$

6) $(6 + 7 - 5) \times 8 \times 2$

7) $5(7 - 2 + 2^3) \times 8$

8) $5 + 6(4 + 30 \div 10)$

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