



Evaluate each expression.

1) $10(4+30\div 5)+3$

2) $9+8-5(48\div 6+10)$

3) $5(3+72\div 8)+70\div 10$

4) $8(8\times 7)+12\div 2$

5) $9(20\div 4+2)+50\div 5$

6) $5\times 7(2^3+10^2)$

7) $4(9^3+2)+9^3$

8) $10(8+5)+80\div 8$

9) $10(8^3\times 5)+3^3$

10) $2(15\div 5+5^2)\times 3$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Evaluate each expression.

$$\begin{aligned}
 1) \quad & 10(4+30\div 5)+3 \\
 & 10\times(4+6)+3 \\
 & 10\times(10)+3 \\
 & 100+3 \\
 & \mathbf{103}
 \end{aligned}$$

$$\begin{aligned}
 2) \quad & 9+8-5(48\div 6+10) \\
 & 9+8-5\times(8+10) \\
 & 9+8-5\times(18) \\
 & 9+8-90 \\
 & 17-90 \\
 & \mathbf{-73}
 \end{aligned}$$

$$\begin{aligned}
 3) \quad & 5(3+72\div 8)+70\div 10 \\
 & 5\times(3+9)+70\div 10 \\
 & 5\times(12)+70\div 10 \\
 & 60+70\div 10 \\
 & 60+7 \\
 & \mathbf{67}
 \end{aligned}$$

$$\begin{aligned}
 4) \quad & 8(8\times 7)+12\div 2 \\
 & 8\times(56)+12\div 2 \\
 & 448+12\div 2 \\
 & 448+6 \\
 & \mathbf{454}
 \end{aligned}$$

$$\begin{aligned}
 5) \quad & 9(20\div 4+2)+50\div 5 \\
 & 9\times(5+2)+50\div 5 \\
 & 9\times(7)+50\div 5 \\
 & 63+50\div 5 \\
 & 63+10 \\
 & \mathbf{73}
 \end{aligned}$$

$$\begin{aligned}
 6) \quad & 5\times 7(2^3+10^2) \\
 & 5\times 7\times(8+10^2) \\
 & 5\times 7\times(8+100) \\
 & 5\times 7\times(108) \\
 & 35\times 108 \\
 & \mathbf{3780}
 \end{aligned}$$

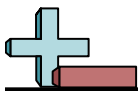
$$\begin{aligned}
 7) \quad & 4(9^3+2)+9^3 \\
 & 4\times(729+2)+9^3 \\
 & 4\times(731)+9^3 \\
 & 4\times 731+729 \\
 & 2924+729 \\
 & \mathbf{3653}
 \end{aligned}$$

$$\begin{aligned}
 8) \quad & 10(8+5)+80\div 8 \\
 & 10\times(13)+80\div 8 \\
 & 130+80\div 8 \\
 & 130+10 \\
 & \mathbf{140}
 \end{aligned}$$

$$\begin{aligned}
 9) \quad & 10(8^3\times 5)+3^3 \\
 & 10\times(512\times 5)+3^3 \\
 & 10\times(2560)+3^3 \\
 & 10\times 2560+27 \\
 & 25600+27 \\
 & \mathbf{25627}
 \end{aligned}$$

$$\begin{aligned}
 10) \quad & 2(15\div 5+5^2)\times 3 \\
 & 2\times(15\div 5+25)\times 3 \\
 & 2\times(3+25)\times 3 \\
 & 2\times(28)\times 3 \\
 & 56\times 3 \\
 & \mathbf{168}
 \end{aligned}$$

Answers1. 1032. -733. 674. 4545. 736. 3,7807. 3,6538. 1409. 25,62710. 168



Evaluate each expression.

3,780

454

103

140

73

-73

67

3,653

Answers

1) $10(4+30\div 5)+3$

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1. _____
2. _____
3. _____
4. _____
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8. _____