



Evaluate each expression.

1) $8(40 \div 5 \times 4) + 60 \div 6$

2) $6(7^2 \times 4) + 7$

3) $4(7^2 + 12 \div 4) \times 2$

4) $(6 + 10 - 6) \times 2 + 6^2$

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

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

7) $6(5^3 \times 6) + 4^2$

8) $(7 \times 4) + 3 + 10 - 4$

9) $(9 \times 2) \times 3 + 8 - 4$

10) $10(18 \div 2 + 8) + 15 - 9$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Evaluate each expression.

$$\begin{aligned}
 1) \quad & 8(40 \div 5 \times 4) + 60 \div 6 \\
 & 8 \times (8 \times 4) + 60 \div 6 \\
 & 8 \times (32) + 60 \div 6 \\
 & 256 + 60 \div 6 \\
 & 256 + 10 \\
 & 266
 \end{aligned}$$

$$\begin{aligned}
 3) \quad & 4(7^2 + 12 \div 4) \times 2 \\
 & 4 \times (49 + 12 \div 4) \times 2 \\
 & 4 \times (49 + 3) \times 2 \\
 & 4 \times (52) \times 2 \\
 & 208 \times 2 \\
 & 416
 \end{aligned}$$

$$\begin{aligned}
 5) \quad & 6(7 - 6 + 10) + 7^2 \\
 & 6 \times (1 + 10) + 7^2 \\
 & 6 \times (11) + 7^2 \\
 & 6 \times 11 + 49 \\
 & 66 + 49 \\
 & 115
 \end{aligned}$$

$$\begin{aligned}
 7) \quad & 6(5^3 \times 6) + 4^2 \\
 & 6 \times (125 \times 6) + 4^2 \\
 & 6 \times (750) + 4^2 \\
 & 6 \times 750 + 16 \\
 & 4500 + 16 \\
 & 4516
 \end{aligned}$$

$$\begin{aligned}
 9) \quad & (9 \times 2) \times 3 + 8 - 4 \\
 & (18) \times 3 + 8 - 4 \\
 & 54 + 8 - 4 \\
 & 62 - 4 \\
 & 58
 \end{aligned}$$

$$\begin{aligned}
 2) \quad & 6(7^2 \times 4) + 7 \\
 & 6 \times (49 \times 4) + 7 \\
 & 6 \times (196) + 7 \\
 & 1176 + 7 \\
 & 1183
 \end{aligned}$$

$$\begin{aligned}
 4) \quad & (6 + 10 - 6) \times 2 + 6^2 \\
 & (16 - 6) \times 2 + 6^2 \\
 & (10) \times 2 + 6^2 \\
 & 10 \times 2 + 36 \\
 & 20 + 36 \\
 & 56
 \end{aligned}$$

$$\begin{aligned}
 6) \quad & (5 + 4) + 3 - 2 + 2 \\
 & (9) + 3 - 2 + 2 \\
 & 12 - 2 + 2 \\
 & 10 + 2 \\
 & 12
 \end{aligned}$$

$$\begin{aligned}
 8) \quad & (7 \times 4) + 3 + 10 - 4 \\
 & (28) + 3 + 10 - 4 \\
 & 31 + 10 - 4 \\
 & 41 - 4 \\
 & 37
 \end{aligned}$$

$$\begin{aligned}
 10) \quad & 10(18 \div 2 + 8) + 15 - 9 \\
 & 10 \times (9 + 8) + 15 - 9 \\
 & 10 \times (17) + 15 - 9 \\
 & 170 + 15 - 9 \\
 & 185 - 9 \\
 & 176
 \end{aligned}$$

Answers

1. 266

2. 1,183

3. 416

4. 56

5. 115

6. 12

7. 4,516

8. 37

9. 58

10. 176



Evaluate each expression.

1) $8(40 \div 5 \times 4) + 60 \div 6$

2) $6(7^2 \times 4) + 7$

3) $4(7^2 + 12 \div 4) \times 2$

4) $(6 + 10 - 6) \times 2 + 6^2$

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

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

7) $6(5^3 \times 6) + 4^2$

8) $(7 \times 4) + 3 + 10 - 4$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____