

Determine the first expression to evaluate in each problem.

Step 1: Parenthesis ()

First solve any expressions in parenthesis.

Step 2: Exponents ^{2,3}

Next solve any expressions that have exponents.

Step 3: Multiply or Divide \times, \div

Then solve multiplication or division expressions (going from left to right).

Step 4: Add or Subtract $+, -$

Finally solve addition or subtraction expressions (going from left to right).

Answers

Ex. 8x5

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

Ex) $5 + (8 \times 5) + 72 \div 8$

1) $5 + 9 + 10 + 16 \div 4$

2) $(7 + 90 \div 9) + 56 \div 7$

3) $10 - 7 + 12 \div 6 + 60 \div 6$

4) $10 + 5 + 7^2 + 6^2 + 8$

5) $10 + 7 + 8^3 + (10 + 50 \div 10)$

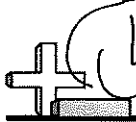
6) $9 + 5 + 36 \div 4 + 54 \div 9$

7) $10 + 12 \div 6 + 6^3 + 2^3$

8) $6 + 12 \div 3 + 8 - 8$

9) $5 + 20 \div 4 + 56 \div 8$

10) $5 + 3^2 + (4 + 9) + 8 \div 4$



Evaluate each expression.

1) $5+(9+6^3-3)-3$

2) $10+(6\times 5)+9^3\times 8$

3) $3+(5+6+9)+7$

4) $2+4^3\times 4+(2\times 9)$

5) $(5+36\div 4)+4\div 2$

6) $2+(5\times 4)-7+2$

7) $(3+8)+42\div 7\times 2$

8) $9\times 2+(5^3\times 5)+60\div 10$

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

10) $10+(9\times 6)+4-4$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

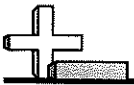
6. _____

7. _____

8. _____

9. _____

10. _____



Level C

Using Order of Operations

Name: _____

Evaluate each expression.

1) $10 \times 5 + 4^2 + (5 + 30 \div 10)$

2) $3 + 7^3 + (9 + 63 \div 9)$

3) $8 + (30 \div 3 + 4^2) + 7$

4) $8 + 7^2 + (8 - 2) + 24 \div 3$

5) $7 + (8 \times 9 + 7 + 70 \div 10)$

6) $7 + (30 \div 6 + 36 \div 4)$

7) $(4 \times 3 \times 8 + 9 + 9)$

8) $4 + (3 - 2) - 2 + 10$

9) $(3 \times 6 + 40 \div 4 + 2^2)$

10) $(6 + 4 + 9) + 6^3 - 7$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

Order of Operations

Fill in the blanks using the given operators in each problem.

1) $28 _ 3^3 _ 4 = 136$



2) $74 _ (25 _ 5)^2 _ 11 = 60$



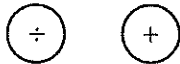
3) $6^3 _ 3 _ 21 _ 3 = 135$



4) $(57 _ 34) _ 7 = 161$



5) $12 _ (24 _ 6)^3 = 76$



6) $(15 _ 22) _ 40 _ 2 = 117$



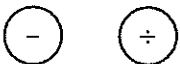
7) $12 _ 7 _ 2 _ 29 = 71$



8) $9 _ 10 _ 2^4 = 74$



9) $63 _ (16 _ 9) = 9$



10) $7^2 _ 8 _ 6 _ 13 = 84$

