

Multiply and Divide Before You Add and Subtract

A-OPS 1

Instructions: Use the Order of Operations Rules to simplify each expression. Write your answer in the space provided and be sure to show your work.

Examples

$$5 + 2 \times 3 = \underline{11}$$

$5 + 6$
 11

Multiply First

$$15 \div 5 - 1 = \underline{2}$$

$3 - 1$
 2

Divide First

1 $6 + 4 \times 2 = \underline{\hspace{2cm}}$

2 $10 \times 4 - 5 = \underline{\hspace{2cm}}$

3 $10 - 6 \div 3 = \underline{\hspace{2cm}}$

4 $20 - 5 \times 4 = \underline{\hspace{2cm}}$

5 $3 \times 7 + 4 = \underline{\hspace{2cm}}$

6 $3 + 24 \div 8 = \underline{\hspace{2cm}}$

7 $8 + 4 \times 3 = \underline{\hspace{2cm}}$

8 $1 + 6 \times 5 = \underline{\hspace{2cm}}$

9 $12 \div 6 + 7 = \underline{\hspace{2cm}}$

10 $50 - 10 \div 2 = \underline{\hspace{2cm}}$

Order of Operations: From Left To Right

A-OPS 2

Instructions: Use the Left To Right Rule to simplify each expression. Write your answer in the space provided and be sure to show your work.

1 $6 - 4 + 8 = \underline{10}$
 $2 + 8$
 10

2 $30 \div 3 \div 5 = \underline{\hspace{2cm}}$

3 $20 \div 5 \times 4 = \underline{\hspace{2cm}}$

4 $38 - 9 - 4 = \underline{\hspace{2cm}}$

5 $12 - 5 + 3 = \underline{\hspace{2cm}}$

6 $8 + 7 - 2 = \underline{\hspace{2cm}}$

7 $24 \div 3 \div 2 \times 5 = \underline{\hspace{2cm}}$

8 $32 \div 4 \div 2 \times 4 = \underline{\hspace{2cm}}$

9 $4 \times 6 \div 2 \times 5 = \underline{\hspace{2cm}}$

10 $14 \div 2 \times 3 \div 3 = \underline{\hspace{2cm}}$

11 $35 - 5 - 10 + 3 = \underline{\hspace{2cm}}$

12 $43 - 5 + 6 - 10 = \underline{\hspace{2cm}}$

Order of Operations: Parentheses First

A-OPS 3

Instructions: Use the Order of Operations Rules to simplify each expression. Write your answer in the space provided and be sure to show your work.

1 $3 \times (2 + 5) = \underline{21}$
 3×7
 21

2 $10 \times (1 + 6) = \underline{\hspace{2cm}}$

3 $(5 + 4) \times 2 = \underline{\hspace{2cm}}$

4 $(15 - 4) \times 3 = \underline{\hspace{2cm}}$

5 $25 \div (8 - 3) = \underline{\hspace{2cm}}$

6 $(8 + 6) \div 7 = \underline{\hspace{2cm}}$

7 $30 \div (12 - 7) \times 3 = \underline{\hspace{2cm}}$

8 $(14 - 5) \times 6 + 3 = \underline{\hspace{2cm}}$

9 $4 \times 6 \div (7 - 5) = \underline{\hspace{2cm}}$

10 $28 \div (3 + 2 \times 2) = \underline{\hspace{2cm}}$

11 $6 \times (10 - 4) + 3 = \underline{\hspace{2cm}}$

12 $(12 - 3) \div (7 - 4) = \underline{\hspace{2cm}}$

Simplify Exponents Before Other Arithmetic

A-OPS 4

Instructions: Use the Order of Operations Rules to simplify each expression. Write your answer in the space provided and be sure to show your work.

1 $1 + 3^2 =$ 10
 $1 + 9$
 10

2 $4^2 \div 2 =$ _____

3 $15 - 2^3 + 3 =$ _____

4 $5 + 4^2 =$ _____

5 $2^2 \times 5 + 4^2 =$ _____

6 $3 \times 2^2 - 4 =$ _____

7 $2^3 \div 4 - 1 =$ _____

8 $11 \times 3 - 5^2 =$ _____

9 $5^2 - 3^2 =$ _____

10 $1^5 + 2^3 \div 4 =$ _____

11 $6^2 + 4 =$ _____

12 $10^2 - 99 =$ _____

Order Of Operations Practice

A-OPS 5

Instructions: Use the Order of Operations Rules to simplify each expression. Write your answer in the space provided and be sure to show your work.

1 $2 \times (4^2 - 4) = \underline{24}$
 $2 \times (16 - 4)$
 2×12
 24

2 $14 - (3 + 5) \div 2^2 = \underline{\hspace{2cm}}$

3 $(1 + 3^2) \times 5 = \underline{\hspace{2cm}}$

4 $7 \times (7 - 1) + 3 = \underline{\hspace{2cm}}$

5 $40 \div (12 - 7) = \underline{\hspace{2cm}}$

6 $7^2 - (5 + 24) = \underline{\hspace{2cm}}$

7 $2^3 + 30 \div (7 + 3) = \underline{\hspace{2cm}}$

8 $(3^2 \times 3) - (2 + 5^2) = \underline{\hspace{2cm}}$

9 $(24 + 6) \div (14 - 4 \times 2) = \underline{\hspace{2cm}}$

10 $[20 - (3 + 4) \times 2] + 5 = \underline{\hspace{2cm}}$

11 $6^2 - (11 + 3) \times 2 = \underline{\hspace{2cm}}$

12 $[2^3 + (15 - 7)] \div 8 = \underline{\hspace{2cm}}$