math Antics Worksheets

Name: _____

Date: _____

Multiply and Divide Before You Add and Subtract

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

$5 + 2 \times 3 =$ 11

5 + 6

11

Multiply First

$15 \div 5 - 1 =$ 2

Divide First

3 - 1

2

1 $6 + 4 \times 2 =$ ____

2 $10 \times 4 - 5 =$ ____

3 $10 - 6 \div 3 =$ ____

4 $20 - 5 \times 4 =$ ____

5 $3 \times 7 + 4 =$ ____

6 $3 + 24 \div 8 =$ ____

7 $8 + 4 \times 3 =$ ____

8 $1 + 6 \times 5 =$ ____

9 $12 \div 6 + 7 =$ ____

10 $50 - 10 \div 2 =$ ____

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Order of Operations: From Left To Right

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. $6 - 4 + 8 =$ 10
   2 + 8
   10

2. $30 \div 3 \div 5 =$ ____

3. $20 \div 5 \times 4 =$ ____

4. $38 - 9 - 4 =$ ____

5. $12 - 5 + 3 =$ ____

6. $8 + 7 - 2 =$ ____

7. $24 \div 3 \div 2 \times 5 =$ ____

8. $32 \div 4 \div 2 \times 4 =$ ____

9. $4 \times 6 \div 2 \times 5 =$ ____

10. $14 \div 2 \times 3 \div 3 =$ ____

11. $35 - 5 - 10 + 3 =$ ____

12. $43 - 5 + 6 - 10 =$ ____

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Order of Operations: Parentheses First

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. $3 \times (2 + 5) =$ 21

   3 × 7

   21

2. $10 \times (1 + 6) =$ ____

3. $(5 + 4) \times 2 =$ ____

4. $(15 - 4) \times 3 =$ ____

5. $25 \div (8 - 3) =$ ____

6. $(8 + 6) \div 7 =$ ____

7. $30 \div (12 - 7) \times 3 =$ ____

8. $(14 - 5) \times 6 + 3 =$ ____

9. $4 \times 6 \div (7 - 5) =$ ____

10. $28 \div (3 + 2 \times 2) =$ ____

11. $6 \times (10 - 4) + 3 =$ ____

12. $(12 - 3) \div (7 - 4) =$ ____

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Simplify Exponents Before Other Arithmetic

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. $10^2 - 99 =$ ____

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Order Of Operations Practice

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 $2 \times (4^2 - 4) =$ 24

$2 \times (16 - 4)$

2×12

24

2 $14 - (3 + 5) \div 2^2 =$ ____

3 $(1 + 3^2) \times 5 =$ ____

4 $7 \times (7 - 1) + 3 =$ ____

5 $40 \div (12 - 7) =$ ____

6 $7^2 - (5 + 24) =$ ____

7 $2^3 + 30 \div (7 + 3) =$ ____

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

9 $(24 + 6) \div (14 - 4 \times 2) =$ ____

10 $[20 - (3 + 4) \times 2] + 5 =$ ____

11 $6^2 - (11 + 3) \times 2 =$ ____

12 $[2^3 + (15 - 7)] \div 8 =$ ____