

4-6

ORDER OF OPERATIONS

PRINT & DIGITAL

FREEBIE!

$$\begin{aligned} 10 &\bullet (3 \times 4) + 8 \div 2 \\ 10 &\bullet 12 + 8 \div 2^3 \\ 10 &\bullet 12 + 8 \div 8 \\ 120 &+ 8 \div 8 \\ 120 &+ 1 - 3 \\ 121 &- 3 = 118 \end{aligned}$$

E **M** left to right

Parentheses
Exponents
Multiplication
Division
Addition
Subtraction

Just deal with the exponents in
ns. Exponents show how many
multiply the base number.

$$\begin{aligned} 8 \div 2^3 - 3 &= 2 \cdot 2 \cdot 2 \\ 8 \div 8 - 3 &= \end{aligned}$$

left to right **D** **A** left to right **S**

SLIDE-SHOW INCLUDED

10 PEMDAS POSTERS!



PRINT & GO

Parenthesis
Exponents
Multiplication
Division
Addition
Subtraction

Parenthesis
Exponents
Multiplication
Division
Addition
Subtraction

Order of Operations

$10 \bullet (3 \times 4) + 8 \div 2^3 - 3 =$
 $10 \bullet 12 + 8 \div 2^3 - 3 =$
 $10 \bullet 12 + 8 \div 8 - 3 =$
 $120 + 8 \div 8 - 3 =$
 $120 + 1 - 3 =$
 $121 - 3 =$
 118

P **E** **M** **D** **A** **S**

Parenthesis

In an equation, the VERY FIRST part to solve is any grouped numbers in parenthesis or other grouping tools.

$10 \bullet (3 \times 4) + 8 \div 2^3 - 3 =$
 $10 \bullet 12 + 8 \div 2^3 - 3 =$

P **E** **M** **D** **A** **S**

Exponents

Next, you must deal with the exponents in the equations. Exponents show how many times to multiply the base number.

$10 \bullet 12 + 8 \div 2^3 - 3 =$
 $10 \bullet 12 + 8 \div 8 - 3 =$

P **E** **M** **D** **A** **S**

Multiplication

Multiplication & Division go together! Because they go together, you solve multiplication & division in an equation from left to right, no matter what comes first!

$10 \bullet 12 + 8 \div 8 - 3 =$
 $120 + 8 \div 8 - 3 =$

P **E** **M** **D** **A** **S**

Division

Multiplication & Division go together! Because they go together, you solve multiplication & division in an equation from left to right, no matter what comes first!

$120 + 8 \div 8 - 3 =$
 $120 + 1 - 3 =$

P **E** **M** **D** **A** **S**

Addition

Addition & Subtraction go together! Because they go together, you solve addition & subtraction in an equation from left to right, no matter what comes first!

$120 + 1 - 3 =$
 $121 - 3 =$

P **E** **M** **D** **A** **S**

Subtraction

Addition & Subtraction go together! Because they go together, you solve addition & subtraction in an equation from left to right, no matter what comes first!

$121 - 3 = 118$

P **E** **M** **D** **A** **S**

Parenthesis
Exponents
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Order of Operations

$10 \bullet (3 \times 4) + 8 \div 2^3 - 3 =$
 $10 \bullet 12 + 8 \div 2^3 - 3 =$
 $10 \bullet 12 + 8 \div 8 - 3 =$
 $120 + 8 \div 8 - 3 =$
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P **E** **M** **D** **A** **S**

Multiplication
Division
Addition
Subtraction

Multiplication & Division go together! Because they go together, you solve multiplication & division in an equation from left to right, no matter what comes first!

$10 \bullet 12 + 8 \div 8 - 3 =$
 $120 + 8 \div 8 - 3 =$
 $120 + 1 - 3 =$
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P **E** **M** **D** **A** **S**

Also available in
Black & White and
Coloring Pages!

Multiplication

Multiplication & Division go together! Because they go together, you solve multiplication & division in an equation from left to right, no matter what comes first!

$10 \bullet 12 + 8 \div 8 - 3 =$
 $120 + 8 \div 8 - 3 =$

Parenthesis
Exponents
Multiplication
Division
Addition
Subtraction

DIGITAL OPTION

Parenthesis

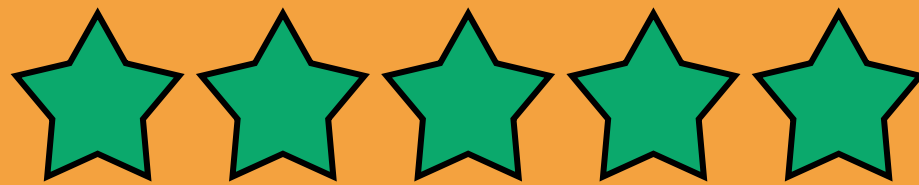
In an equation, the VERY FIRST part to solve is any grouped numbers in parenthesis or other grouping tools.

$$10 \bullet (3 \times 4) + 8 \div 2^3 - 3 =$$
$$10 \bullet 12 + 8 \div 2^3 - 3 =$$

E **M** left to right **A** left to right **S**

SLIDE SHOW!

Check out our
**5-STAR
RATINGS!**



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learn more!

PREVIEW