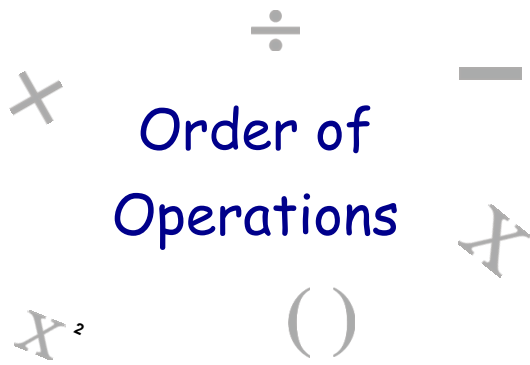


Notes - Order of Operations



Why is Order Important?

Re-arrange the events below.

Shower
Get out of bed
Go to school
Get dressed

Why is order important when solving mathematical equations?

Let's Review the Order of Operations...

- P - _____
 - E - _____
 - M - _____
 - D - _____
 - A - _____
 - S - _____
- Work left to right
- Work left to right

What is the first step to simplify this expression?

$$9 + 4 \times 13 - 2^2$$

What is the first step to simplify this expression?

$$(70 \div 7 + 5) - 12$$

Simplify the expression below:

$$-7 \times 5 + 6 \div (-3)$$

Notes - Order of Operations

Simplify the expression below:

$$(20 \div -10 \times 2) + 5^2$$

Simplify the expression below:

$$-4 \times -4 \div 4 \times -4$$

Simplify the expressions below:

1. $(2 + 9) \times -4$ 2. $(15 \div 3) + (-7)$

Simplify the expressions below:

3. $5 \times 6 - 12 \div -4$ 4. $16 - 8 \div 2 + 5$

Simplify the expressions below:

5. -7×2^3 6. $7 \times 2^3 - 9$

Simplify the expressions below:

7. $6^3 - 12 \times -4 \times -3$

8. $(9 + (-4)) \times (7 - 7)$

Notes - Order of Operations

Simplify the expressions below:

9. $5 \times (6 - 1) - 4 \times 6 \div 3$

10. $-12 \div (8 - 6)^2$

Simplify the expression below:

11. $(11 - 9)^2 \times (8 - 5)^2$