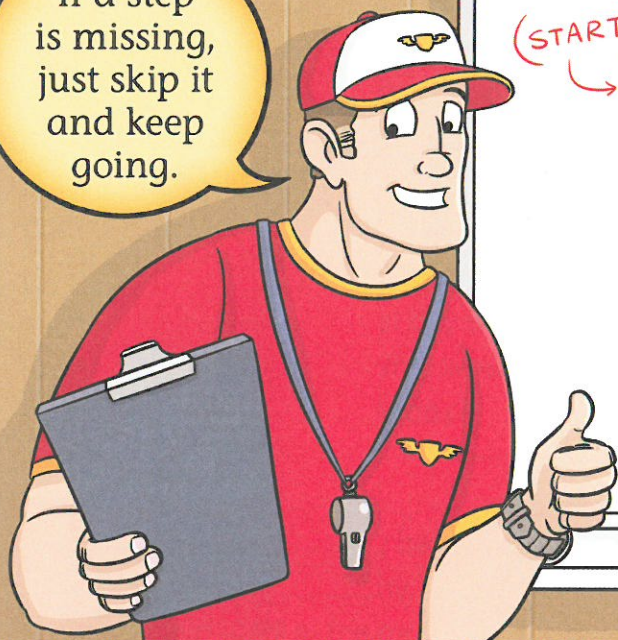


Order of Operations

Skill: Use the standard order of operations

Think **PEMDAS** to remember the order of operations.

If a step is missing, just skip it and keep going.



(START)

P E M/D A/S

(L) (R) (L) (R)

1. Parentheses
2. Exponents
3. Multiply and divide - (Left to Right)
4. Add and subtract - (Left to Right)

- 1 Lay out the mats and the cards.
- 2 Look at each equation on the mats.
- 3 Find the cards that show the steps to calculate the equation.
- 4 Place the cards under the equation in the correct order and write the final answer on the response form.
- 5 Complete the equations at the bottom of the response form.

Order of Operations

1

$$(12 \times 9) + 5^2 - 22 =$$

2

$$2(17 + 18) - 70 =$$

3

$$16 \div 4 \times 3(9 + 3) =$$

4

$$18 \div 6 + 40 \times 88 =$$

Order of Operations

5

$$(20 - 13) + 4 \times 13 - 8 \div 2 =$$

6

$$852 \div 3 + 11 - 4 \times 73 =$$

7

$$6^4 - 216 + 18 \div 3 =$$

8

$$5^3 + 4 \times 8 - (16 + 33) =$$

$108 + 5^2 - 22$	$3 + 40 \times 88$	$295 - 292 =$
$108 + 25 - 22$	$3 + 3,520 =$	$1,296 - 216 + 18 \div 3$
$133 - 22 =$	$7 + 4 \times 13 - 8 \div 2$	$1,296 - 216 + 6$
$34 + 36 - 70$	$7 + 52 - 8 \div 2$	$1,080 + 6 =$
$70 - 70 =$	$7 + 52 - 4$	$5^3 + 4 \times 8 - 49$
$16 \div 4 \times 27 + 9$	$59 - 4 =$	$125 + 4 \times 8 - 49$
$4 \times 27 + 9$	$284 + 11 - 4 \times 73$	$125 + 32 - 49$
$108 + 9 =$	$284 + 11 - 292$	$157 - 49 =$

Order of Operations

Look at the mats. Compute the equations. Write the answers on the lines below.

1 _____

2 _____

3 _____

4 _____

5 _____

6 _____

7 _____

8 _____

1

P

parentheses

2

E

exponents

3

M and **D**

multiply divide

(from left to right)

4

A and **S**

add subtract

(from left to right)

Show the correct order of operations to complete the equations below.
Write the final answer on the line.

1 $4(12 + 2) + 72 \div 9 - 7^2 + (19 - 11) \times 5 =$ _____

2 $13 \times (792 - 55) \times 3^5 - 8,001 =$ _____