What is PEMDAS?

PEMDAS is a way to help you remember the Order of Operations when you evaluate algebraic expressions.

1. **P**arentheses*	2. **E**xponents
$2^4 \div 4 + 3 \times 2 - (2 \times 2)$	$2^4 \div 4 + 3 \times 2 - 4$

3. **M**ultiply & 4. **D**ivide

from left to right ⟶ $16 \div 4 + 3 \times 2 - 4$

5. **A**dd & 6. **S**ubtract

from left to right ⟶ $4 + 6 - 4 = 6$

*Brackets AND parentheses are both used to show groupings.
Brackets are used to avoid double parentheses. Evaluate inside all parentheses first and then inside brackets.

task #1

$$6 + 3 \times 2 =$$

task #2

$$13 - 1 + 4 \div 2 =$$

task #3

$$6 \times (7 - 3) + 4 =$$

task #4

$$(17 + 24) - (3 \times 4) =$$

task #5

$$3 \times 6 + 5 \times 7 =$$

task #6

$$2 \times 6 + (20 - 18) =$$

task #7

$$3 \times (6 - 3) + (4 + 2) =$$

task #8

$$0 \times (4 \times 8) =$$

task #9

$9 \div (19-16) + (4 \times 4) =$

task #10

$15 \times (24-24) + (2 \times 8) =$

task #11

$6 \times (7-4) + 12 \div (18-12) =$

task #12

$(36 \div 6) - (2+3) \times (12-11) =$

task #13

$$9^2 - (3 \times 4) =$$

task #14

$$100 - (4^2 + 4) =$$

task #15

$$1^5 \times (3^2 - 8) + (3^3 + 3) =$$

task #16

$$27 \div (3 \times 3) + 5^3 =$$

task #17

$$10 + (3 \times 2)^2 =$$

task #18

$$(10 - 8)^4 + 4 + 80 =$$

task #19

$$3^2 + [(9 \times 2) + (2^2 \times 1)] =$$

task #20

$$[7 \times (12 \div 3)] \times 2 =$$

Order of Operations Task Cards Answer Key

1. 12	2. 14	3. 28	4. 29
5. 53	6. 14	7. 15	8. 0
9. 19	10. 16	11. 20	12. 1
13. 69	14. 80	15. 31	16. 128
17. 46	18. 100	19. 32	20. 56

Name: _____

Order of Operations Task Cards

I need to complete:

Name: _____

Order of Operations Task Cards

I need to complete:

Name: _____

Order of Operations Task Cards

I need to complete:

Name: _____

Order of Operations Task Cards

I need to complete:

Name: _____

Order of Operations SCOOT

1.	2.	3.	4.
5.	6.	7.	8.
9.	10.	11.	12.

Name: _____

Order of Operations SCOOT

13.	14.	15.	16.
17.	18.	19.	20.

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