

Name: _____

Extra Practice: Order of Operations (up to 6 Numbers)

Directions: Solve each of the following equations.

1.) $7 + 8 + 7 + 9 - (2 \times 4) =$ _____

2.) $(6 + 2 \times 2 \times 2) \div 2 =$ _____

3.) $54 + 6 \times (8 \div 8) \div 6 =$ _____

4.) $7 + 3 \times (16 - 7) \div 3 =$ _____

5.) $5 + 5 \times 9 - 4(19 - 17) =$ _____

6.) $5 - (1 + 7 + 1) \div (11 - 2) =$ _____

7.) $2 + 30 \div (10 \times 9 - 10 \times 8) =$ _____

8.) $(21 \times 3) \div 7 - (21 \div 7 - 3) =$ _____

9.) $((19 - 7) \times 2 + 13 + 5) \div 7 =$ _____

10.) $6 \times (13 - 5 + 7) + 18 \div 9 =$ _____

11.) $(7 \times 2 \times 2) \div (3 + 8 - 4) =$ _____

12.) $(10 - 4)(15 - 13) - 4 + 1 =$ _____

13.) $(2 \div (9 - 7) + 5 \times 2) \times 9 =$ _____

14.) $(18 - 8) \div (6 - (1 + 8 - 5)) =$ _____

15.) $20 \div (5 \times 2) \times 7 - 5 - 3 =$ _____

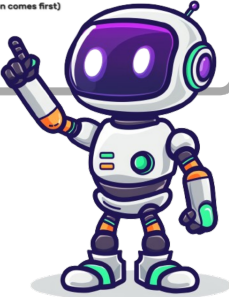
The Order of Operations

P Parentheses, Brackets, and Groupings $() []$

E Exponents 3^2

M Multiplication/Division $\div \times$
(perform left to right depending on which operation comes first)

A Addition/Subtraction $- +$
(perform left to right depending on which operation comes first)



ANSWER KEY

- 1.) $7 + 8 + 7 + 9 - (2 \times 4) = 23$
- 2.) $(6 + 2 \times 2 \times 2) \div 2 = 7$
- 3.) $4 + 6 \times (8 \div 8) \div 6 = 5$
- 4.) $7 + 3 \times (16 - 7) \div 3 = 16$
- 5.) $5 + 5 \times 9 - 4(19 - 17) = 42$
- 6.) $5 - (1 + 7 + 1) \div (11 - 2) = 4$
- 7.) $2 + 30 \div (10 \times 9 - 10 \times 8) = 5$
- 8.) $(21 \times 3) \div 7 - (21 \div 7 - 3) = 9$
- 9.) $((19 - 7) \times 2 + 13 + 5) \div 7 = 6$
- 10.) $6 \times (13 - 5 + 7) + 18 \div 9 = 92$
- 11.) $(7 \times 2 \times 2) \div (3 + 8 - 4) = 4$
- 12.) $(10 - 4)(15 - 13) - 4 + 1 = 9$
- 13.) $(2 \div (9 - 7) + 5 \times 2) \times 9 = 99$
- 14.) $(18 - 8) \div (6 - (1 + 8 - 5)) = 5$
- 15.) $20 \div (5 \times 2) \times 7 - 5 - 3 = 6$