

NWCS EM 1

Spring Semester 2020

Name:

Week 06

Date:

Agreed upon order of operations

P E M D A S

(Parentheses) (Exponents) (Multiplication & Division) (Addition & Subtraction)

1. Work out the operations in the right order.

$$7+3 \times 5 =$$

$$(3+2) \times 6 - 8 =$$

$$4 \times 6 + 18 \div 2 =$$

$$(17-2) \div 5 + 6 =$$

$$3 \times (2+4) - 5 + 2 =$$

$$16 \div 2 - 7 + 3 \times 4 =$$

$$8 + 3 \times (6-4) =$$

$$5 \times 5 - 6 \div 3 =$$

$$18 \div (3 + 2 \times 0) =$$

$$18 \div 3 + 5 \times 8 =$$

$$16 \div (3+5) - 2 =$$

$$(20-9) \times 2 - 10 =$$

2. Finish questions with proper mathematical signs.

A. How to make a total of 100 with the numbers 5,9,10,11?

B. How to make a total of 4 with the numbers 2,3,7,12?

C. How to make a total of 36 with the numbers 1,2,4,6?

3. Challenges to place the digits in the correct place to make the answer to 24.

"2,4,8" $___ \times (___ + ___)$

"3,5,9" $___ \times ___ + ___$

"2,4,4" $___ \times (___ + ___)$

"2,6,9" $___ \times ___ + ___$

"2,6,9,11" $(___ - ___) \times ___ \times ___$