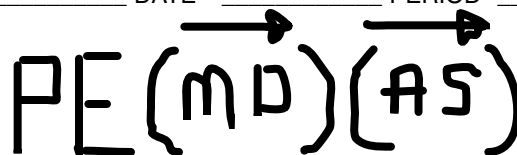


1-2

# Skills Practice

## Order of Operations



Evaluate each expression.

1.  $(5 + 4) \cdot 7$

2.  $(9 - 2) \cdot 3$

3.  $4 + 6 \cdot 3$

4.  $28 - 5 \cdot 4$

5.  $12 + 2 \cdot 2$

6.  $(3 + 5) \cdot 5 + 1$

7.  $9 + 4(3 + 1)$

8.  $2 + 3 \cdot 5 + 4$

9.  $30 - 5 \cdot 4 + 2$

10.  $10 + 2 \cdot 6 + 4$

11.  $14 \div 7 \cdot 5 - 3^2$

12.  $6 \div 3 \cdot 7 + 2^3$

13.  $4[30 - (10 - 2) \cdot 3]$

14.  $5 + [30 - (6 - 1)^2]$

15.  $2[12 + (5 - 2)^2]$

16.  $[8 \cdot 2 - (3 + 9)] + [8 - 2 \cdot 3]$

Evaluate each expression if  $x = 6$ ,  $y = 8$ , and  $z = 3$ .

17.  $xy + z$

18.  $yz - x$

19.  $2x + 3y - z$

20.  $2(x + z) - y$

4 Steps:

1. Parentheses (grouping)

2. Exponents

3. Multiply or Divide, whatever you find first going left to right, finish all Multiply and Divides before doing any adds or subtracts.

4. Add or Subtract, whatever you find first going left to right.

Mr. C.

\* SHOW ALL WORK ON ATTACHED LOOSELEAF

\* CIRCLE PROBLEM NUMBER, REWRITE PROBLEM, SHOW WORK, BOX ANSWERS

\* DO NOT WRITE ANYTHING EXCEPT NAME, PERIOD, DATE ON THIS PAGE

\* PUT THIS PAGE ON TOP

\* CALCULATORS NEVER ALLOWED UNLESS THE INSTRUCTIONS SAY THEY ARE