

8-26-10

Variable letter used to represent a #.

Algebraic Expression math stmt with variable's #'s.

Add plus, sum, increased by, more than, total

Subtract minus, less than, decreased by, difference

multiply times, product, of

Divide quotient, divided by, put into

Verbal

8 more than x .

difference of n and 12

y is increased by 14

18 is decreased by z .

Expression

$$8 + x$$

$$n - 12$$

$$y + 14$$

$$18 - z$$

Evaluate the expression

$$x = 12, y = 8, z = 5$$

Evaluate

a) $x - y$

$$12 - 8 = \boxed{4}$$

b) $y + z + z - x$

$$\begin{aligned} 8 + 5 + 5 - 12 \\ 13 + 5 - 12 \\ 18 - 12 \\ \boxed{6} \end{aligned}$$

c) $(12 - z) + y$

$$\begin{aligned} (12 - 5) + 8 \\ 7 + 8 = \boxed{15} \end{aligned}$$

d) $12 - (z + y)$

$$\begin{aligned} 12 - (5 + 8) \\ 12 - 13 \\ \boxed{-1} \end{aligned}$$

Notebook 25 pts per qtr.

pg 3 # 8-28 evens

pg 5 # 8-44 evens