Name : _____

Topic: Math – Writing Algebraic Expressions

DIRECTIONS: Write the algebraic expressions for the following:

a)   Add *x* to 9   _____

b)   Subtract *y* from 8   _____

c)   Multiply *b* by 10   _____

d)   Divide *p* by 4   _____

e)   The sum of 25 and *h*   _____

f)   13 less than *q*   _____

g)   Multiply 18 by *u*   _____

h)   Half of *x*   _____

DIRECTIONS: Fill in the boxes with the correct expression.

a)

$\boxed{y}$ $\xrightarrow{\text{x 5}}$ $\boxed{}$ $\xrightarrow{-8}$ $\boxed{}$

b)–

$\boxed{2}$ $\xrightarrow{-h}$ $\boxed{}$ $\xrightarrow{\div 3}$ $\boxed{}$

c)

$\boxed{48}$ $\xrightarrow{\text{x } m}$ $\boxed{}$ $\xrightarrow{+6}$ $\boxed{}$

d)

$\boxed{p}$ $\xrightarrow{\div 2}$ $\boxed{}$ $\xrightarrow{+8}$ $\boxed{}$

e)

$\boxed{4}$ $\xrightarrow{+t}$ $\boxed{}$ $\xrightarrow{\div 5}$ $\boxed{}$

f)

$\boxed{y}$ $\xrightarrow{\text{x 7}}$ $\boxed{}$ $\xrightarrow{\div 3}$ $\boxed{}$

DIRECTIONS: Express each of the following in one or two other ways:

a)   *7 x m*   _____

b)   *24 ÷ h*   _____

c) $\dfrac{a + 6}{7}$ _____

d) $\dfrac{1}{3} \text{ x } p$ _____

d) $\dfrac{1}{4} \text{ x } (b + 8)$ _____