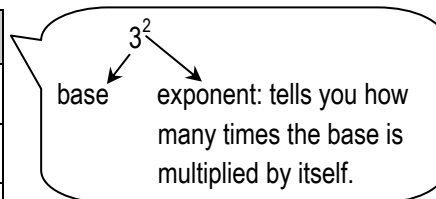Name: _____ Date: _____

5.1 Warm Up

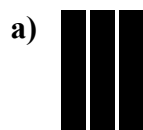**1.** Circle the correct meaning of the expression $6y$.

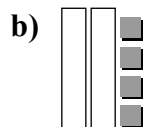$6 - y$ $6 + y$ $6 \times y$ $6 \div y$

2. Complete the table.

Expression	Base	Exponent	Repeated Multiplication
a) 3^2	3		
b) x^2		2	
c) y^2			$y \times y$
d) t			

3^2
base   exponent: tells you how many times the base is multiplied by itself.

3. Write an expression for each algebra tile model.

a)

_____

■ positive 1-tile   □ negative 1-tile
A 1-tile is 1 unit by 1 unit.
▬ positive x-tile   ▭ negative x-tile
An x-tile is 1 unit by x units.

b)

_____

c)

_____

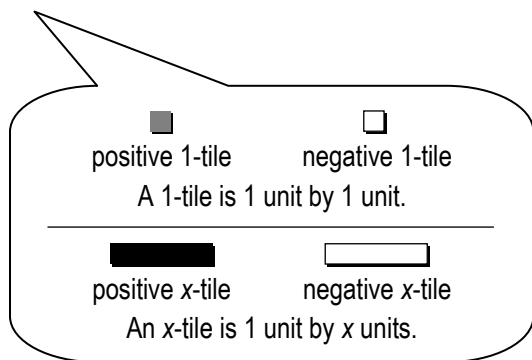**4.** Circle the variable(s).

a) $9h$ **b)** $x^2 + 2y$

5. Circle the constant.

a) $p^2 + 2$ **b)** $3x^2 + 4x - 8$