

**I. Write an algebraic expression for each phrase.**

- 1.) the product of three and  $g \rightarrow$  \_\_\_\_\_
- 2.) ten is decreased by  $m \rightarrow$  \_\_\_\_\_
- 3.)  $b$  is more than five  $\rightarrow$  \_\_\_\_\_
- 4.) the quotient of seven and  $x \rightarrow$  \_\_\_\_\_
- 5.) twelve is less than a number  $\rightarrow$  \_\_\_\_\_
- 6.) nine increased by a number  $\rightarrow$  \_\_\_\_\_
- 7.) four times a number minus six  $\rightarrow$  \_\_\_\_\_
- 8.) fifteen plus the quotient of a number and three  $\rightarrow$  \_\_\_\_\_

**II. Write a phrase for each algebraic expression or equation.**

- 9.)  $\frac{p}{2} - 3 \rightarrow$  \_\_\_\_\_
- 10.)  $5n + 8 \rightarrow$  \_\_\_\_\_
- 11.)  $7c = 35 \rightarrow$  \_\_\_\_\_
- 12.)  $\frac{x+4}{3} \rightarrow$  \_\_\_\_\_

**III. Complete the table below about each situation.**

Situation	Define variable(s)	Algebraic Equation
13.) The total cost of buying several shirts at \$24.95 each.		
14.) The amount of money in a bank containing only dimes.		
15.) The number of slices of pizza left from an 8-slice pizza after eating some.		
16.) The perimeter of a square equals the number of sides times the side length.		