

***Translate Phrases into an Algebraic Statement***

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

- 1) 4 multiplied by  $x$ . \_\_\_\_\_
- 2) Subtract 8 from  $y$ . \_\_\_\_\_
- 3) 6 divided by  $x$ . \_\_\_\_\_
- 4) 12 decreased by  $y$ . \_\_\_\_\_
- 5) Add  $y$  to 9. \_\_\_\_\_
- 6) The square of 5. \_\_\_\_\_
- 7)  $x$  raised to the fourth power. \_\_\_\_\_
- 8) The sum of nine and a number. \_\_\_\_\_
- 9) The difference between sixty-four and  $y$ . \_\_\_\_\_
- 10) The quotient of twelve and a number. \_\_\_\_\_
- 11) The quotient of the square of  $x$  and 7. \_\_\_\_\_
- 12) The difference between  $x$  and 8 is 22. \_\_\_\_\_
- 13) 2 times  $a$  reduced by the square of  $b$ . \_\_\_\_\_
- 14) Subtract the product of  $a$  and  $b$  from 12. \_\_\_\_\_

**Answers*****Translate Phrases into an Algebraic Statement***

1)  $4x$

2)  $y - 8$

3)  $\frac{6}{x}$

4)  $12 - y$

5)  $y + 9$

6)  $5^2$

7)  $x^4$

8)  $9 + x$

9)  $64 - y$

10)  $\frac{12}{x}$

11)  $\frac{x^2}{7}$

12)  $x - 8 = 22$

13)  $2a - b^2$

14)  $12 - ab$