



# Algebraic Expressions

Version 2

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Direction: Express each phrase into an algebraic expression.

1) difference of a number and 7

2) sum of 9 and  $n$

3) the difference of 10 and a number

4) double a number

5) product of 6 and  $y$

6) quotient of  $m$  and 10

7) quotient of 8 and a number

8) the sum of  $x$  and 4 divided by 5

9) the difference of 3 and a number multiplied by 2

10) 3 less than the product of 9 and  $x$



Name: \_\_\_\_\_ ANSWER KEY \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Direction: Express each phrase into an algebraic expression.

1) difference of a number and 7

$$x - 7$$

2) sum of 9 and  $n$ 

$$n + 9$$

3) the difference of 10 and a number

$$10 - x$$

4) double a number

$$2x$$

5) product of 6 and  $y$ 

$$6y$$

6) quotient of  $m$  and 10

$$\frac{m}{10}$$

7) quotient of 8 and a number

$$\frac{8}{n}$$

8) the sum of  $x$  and 4 divided by 5

$$\frac{x + 4}{5}$$

9) the difference of 3 and a number multiplied by 2

$$3 - 2n$$

10) 3 less than the product of 9 and  $x$ 

$$9x - 3$$