

Name \_\_\_\_\_

Date \_\_\_\_\_

## More Expressions Practice Homework

1. Write two written expressions for each algebraic expression.

a)  $4x + 9$

b)  $2(x+5)$

c)  $x - 6$

2. Write an algebraic expression for the given written expression.

a) a number less than fifteen

b) three times the difference of a number and seven

c.) ten times the sum of a number and eleven

3. (Review) Indicate with math symbols what operations are being described by the given word(s). Use +, -, •, ÷ symbols.

1. sum \_\_\_\_\_

2. product \_\_\_\_\_

3. decreased by \_\_\_\_\_

4. quotient \_\_\_\_\_

5. increased by \_\_\_\_\_

6. difference \_\_\_\_\_

7. more than \_\_\_\_\_

8. less than \_\_\_\_\_

9. twice something \_\_\_\_\_

4. The written expression “the sum of a number and two, divided by nine” can be written two ways. Write two algebraic expressions for this written expression. Hint: One is using a fraction bar.

5. Match the written expressions with the correct algebraic expression.

A) Four times the difference of a number and two

B) The sum of a number and three times five

C) Two less than the product of four and a number

D) The product of five and number increased by three

Algebraic Expression
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$$5(p + 3)$$

$$5p + 3$$

$$4p - 2$$

$$4(p - 2)$$