

Name \_\_\_\_\_

# Parts of an Expression

There are special words you can use to describe expressions and the parts of expressions.

**Terms** are the parts of an expression separated by a plus or a minus sign.

$3k - 9w + 14$  has three terms:  $3k$ ,  $9w$ ,  $14$ .

$h + 9$  is a **sum**.

$h - 9$  is a **difference**.

A **coefficient** is a number that is multiplied by a variable.

In the term  $3k$ ,  $3$  is the coefficient of  $k$ .

$9h$  is a **product**. The **factors** are  $9$  and  $h$ .

$\frac{h}{9}$  is a **quotient**.

Tell how many terms are in each expression.

1.  $4s + 4t$  **two**

2.  $(ab + cd) - ef$  **three**

Identify the coefficient of the variable. Then identify the factors.

3.  $28p$  coefficient  $28$ ; factors  $28$  and  $p$

4.  $4q$  coefficient  $4$ ; factors  $4$  and  $q$ .

Describe each expression using **two** of these words: sum, difference, product, or quotient.

5.  $(vw) - 12$  difference & product

6.  $\left(\frac{34}{a}\right) + 5$  sum & quotient

7.  $6(15 + 3)$  sum & product

8.  $\left(\frac{13y}{10}\right)$  product & quotient

9. **Writing to Explain** Oscar says the expression  $t \div u$  has two terms. Vincent says it has one term. Who is right? Explain.

Vincent is right because there is no addition or subtraction.