

## HOMEWORK

Evaluate each expression for the given number.

1.  $w - 2162$ , when  $w = 3500$

2.  $z + 0.85$ , when  $z = 1.5$

3.  $548 - t$ , when  $t = 16.4$

4.  $p + 27$ , when  $p = 3.6$

First write an algebraic expression. Then evaluate each expression for the given number.

5. 3.12 less than  $v$ , when  $v = 8.5$

6.  $d$  increased by 4.088, when  $d = 9.12$

Find the value of each algebraic expression when  $g = 1.5$  and  $h = 12.2$ .

7.  $g + 26.9 - h$

8.  $16.5 - g - h$

9.  $g + 1.1 + h$

### Problem Solving

10. Ian's stamp collection has 68 stamps from the U.S. and some stamps from other countries. What expression represents the number of stamps in Ian's collection? Let  $s$  = the number of stamps from other countries.

Evaluate the expression when  $s = 109$ .

Explain what your answer means in the context of the problem.

### Write About It

11. Band class is 60 minutes long. Each band member is also expected to practice at home. The expression  $60 + h$  shows total minutes spent playing each day, where  $h$  represents minutes of practice at home. When French horn players Jack, Lu, and Richard evaluate the expression, Lu and Richard get the same value, but Jack gets a lesser value. Explain how this is possible.