

NAME \_\_\_\_\_

**WRITING & EVALUATING EXPRESSIONS**

Write the following expressions

1. u decreased by 17
2. the quotient of 18 and n
3. n cubed
4. half of 14
5. the product of x and 7
6. twice q
7. 6 squared
8. the product of 8 and 12
9. the sum of q and 8
10. x increased by 6

Evaluate the following expressions

11.  $6q + m - m$ ; use  $m = 8$ , and  $q = 3$
12.  $y - (4 - x - y \div 2)$ ; use  $x = 3$ , and  $y = 2$
13.  $m + p \div 5$ ; use  $m = 1$ , and  $p = 5$
14.  $y + 9 - x$ ; use  $x = 1$ , and  $y = 3$
15.  $(y + x) \div 2 + x$ ; use  $x = 1$ , and  $y = 1$
16.  $z(x + y)$ ; use  $x = 6$ ,  $y = 8$ , and  $z = 6$
17.  $y \div 2 + x$ ; use  $x = 1$ , and  $y = 2$
18.  $y^2 - x$ ; use  $x = 7$ , and  $y = 7$
19.  $a - 5 - b$ ; use  $a = 10$ , and  $b = 4$
20.  $p^2 + m$ ; use  $m = 1$ , and  $p = 5$