

**W3 D2 Homework**

Write the phrase as an expression.

1. 8 more than 5
2. 11 fewer than 24
3. 6 times a number  $y$
4. the quotient of a number  $n$  and 7
5. the sum of 8 and a number  $e$
6. twice a number  $n$  plus 6
7. a number  $x$  decreased by 13
8. 7 less than 3 times a number  $m$
9. the total of a number  $f$  and 3
10. the difference of 25 and a number  $w$
11. You have two cats. Each cat has a litter of 6 kittens. Write an expression that describes the total number of cats and kittens you have.
12. The total of your dinner bill plus tip is \$16.00. You left a \$3.20 tip. Write an expression to describe this situation.

**Write the phrase as an expression. Then evaluate when  $x = 8$  and  $y = 20$ .**

13. fifteen more than the quotient of 24 and a number  $x$

Expression: \_\_\_\_\_

Answer: \_\_\_\_\_

14. the sum of a number  $y$  and 30, all divided by 5

Expression: \_\_\_\_\_

Answer: \_\_\_\_\_

15. the product of 2 and the sum of a number  $x$  and 9

Expression: \_\_\_\_\_

Answer: \_\_\_\_\_

**16.** In the sequence, 2, 5, 8, 11, ..., which expression describes the number after  $x$ ? Explain your choice.

**A.**  $x + 3$

**B.**  $x - 3$

**C.**  $3x$

**D.**  $x \div 3$

.