

Name _____ Date _____

W3 D2 Homework

UVA

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. $x \div 3$