

Name _____

Study the box below. On the line provided, write an algebraic expression or equation for each phrase.

Example:

Three times the cost of the sweater is \$60.

Let c represent the cost of the sweater. The word "times" suggests multiplication, and "is" means an equal sign.

$$3c = 60$$

Tip:

Look for the key words which indicate addition, subtraction, multiplication, division, or equals.

1. the product of r and 9

2. 12 more than y

3. the quotient of w and 25

4. x subtracted from 21

5. m divided by 18

6. One-third of n is 12.

7. Twice a number is 28.

8. Two more than the quotient of 6 and x is 5.

9. Five increased by n is 10.

10. the sum of b and 16

11. the difference of y and 5

12. 16 less than e

13. the product of d and 15

14. Eleven times y is 22.

15. The sum of y and 5 is 32.

16. Eight decreased by a number is 3.

17. Fifteen decreased by the product of 9 and a number is 12.

18. Three less than the sum of 5 and y is 10.
