Algebra
3x-12

Write the Algebraic Expressions
Example: *four times a number decreased by twelve = 4n-12*

Look at the phrases below and re-write them into an algebraic expression:

1.)   A number minus 18

2.)   A number decreased by 16

3.)   x plus twelve is twenty one

4.) x times twelve is forty-six

5.)   six increased by twelve

6.)   two times eight

7.)   six more than twice a number

8.)   eight divided by twice a number

9.)   The sum of seven and x

10.) x times eleven is equal to thirty-three

11.) The difference between x and eight is equal to fifteen.

12.)   A number plus ten

13.)   The quotient of x and four is thirteen

14.)   x increased by five is equal to thirty-eight.

15.) The product of a number and thirteen.

Algebra
3x-12

Name_____

Write the Algebraic Expressions
Example: *four times a number decreased by twelve = 4n-12*

Answers:

1.) A number minus 18

$n - 18$

2.) A number decreased by 16

$n - 16$

3.) x plus twelve is twenty one

$x + 12 = 21$

4.) x times twelve is forty-six

$x \cdot 12 = 46$

5.) six increased by twelve

$6 + 12$

6.) two times eight

$2 \cdot 8$

7.) six more than twice a number

$2n + 6$

8.) eight divided by twice a number

$2n \div 8 \ or \ \frac{8}{2n}$

9.) The sum of seven and x

$7 + x$

10.) x times eleven is equal to thirty-three

$x \cdot 11 = 33$

11.) The difference between x and eight is equal to fifteen.

$x - 8 = 15$

12.)   A number plus ten

$n + 10$

13.)   The quotient of x and four is thirteen

$\frac{x}{4} = 13$

14.)   x increased by five is equal to thirty-eight.

$x + 5 = 38$

15.) The product of a number and thirteen.

$13n$