

**Example:** Write each word expression as an algebraic expression.

1.) Add  $x$  and 8.5

$$x + 8.5$$

2.) Subtract 7 from  $t$

$$t - 7$$

3.) Increase  $y$  by 6

$$6 + y$$

4.) Decrease  $p$  by 9

$$p - 9$$

**Example:** Write each word expression as an algebraic expression.

5.) 21 more than  $q$

$$21 + q$$

6.)  $x$  less than 150

$$150 - x$$

7.) a number added to 33.8

$$c + 33.8$$

8.) 600.89 minus a number

$$600.89 - a$$

**Example:** Write each word expression as an algebraic expression.

9.) the sum of 3.5 and a number

$$3.5 + i$$

10.) the difference of a number and 42

$$b - 42$$

**Example:** Write each algebraic expression as a word expression.

11.)  $9.6 - x$

\* 9.6 minus  $x$ \*  $x$  less than 9.6\* 9.6 subtracted by  $x$ \*  $x$  subtracted from 9.6

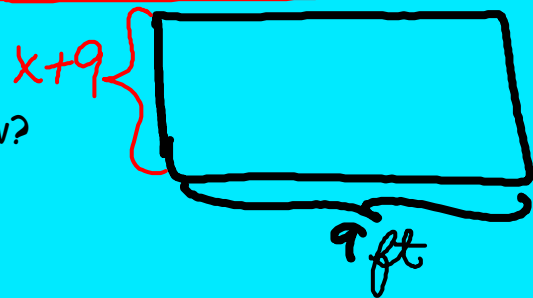
12.)  $x + 24$

\*  $x$  increased by 24\* the sum of  $x$  and 24\*  $x$  plus 24\*  $x$  added to 24

**Example:** A window is 9 feet long. It is  $x$  feet longer than it is high.

a.) What is the height of the window?

$$x + 9$$



b.) What is the perimeter of the window?

$$P = 9 + x + 9 + 9 + x + 9$$

$$P = 36 + 2x$$