

Name: _____ Key: _____ Date: _____ Page: _____

1.1B Variables and Expressions (translate)

Write the phrase as a variable expression.

Ex) x plus 8

$$\begin{array}{c} | & | & | \\ x & + & 8 \\ | & | & | \\ x + 8 \end{array}$$

Ex) The product of 8 and x

$$\begin{array}{c} | & | & | \\ 8 & \times & x \\ | & | & | \\ 8x \end{array}$$

Addition
sum
more than
plus
increased

Subtraction
difference
minus
decreased
less than

Word Meanings
Multiplication
product
times
multiplied

Division
quotient
divided by

Write the phrase as a variable expression.

1. 8 times x

2. The sum of x and 2

3. 6 less than x

4. x decreased by 1

5. p plus 7

6. The quotient of x and 2

7. 12 minus x

8. The product of 4 and x

9. d increased by 3.4

10. y more than 23

11. k multiplied by 8

12. The difference between k and $\frac{7}{15}$

13. 18 divided by t

14. f less than $\frac{3}{10}$

Give two ways to write each algebraic expression in words.