

### 1.1B Variables and Expressions (translate)

Write the phrase as a variable expression.

Ex) $x$ plus 8 $\begin{array}{ c } \hline x \\ \hline + 8 \\ \hline \end{array}$ $x + 8$	Ex) The product of 8 and $x$ $\begin{array}{ c } \hline 8 \\ \hline \times x \\ \hline \end{array}$ $8x$	<b>Word Meanings</b> Addition: sum, more than, plus, increased Subtraction: difference, minus, decreased, less than Multiplication: product, times, multiplied Division: quotient, divided by
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Write the phrase as a variable expression.

1. 8 times $a$	2. The sum of $a$ and 2
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3. 6 less than  $c$

4.  $m$  decreased by 1

5.  $p$  plus 7

6. The quotient of  $n$  and 2

7. 12 minus  $s$

8. The product of 4 and  $a$

9.  $d$  increased by 3.4

10.  $p$  more than 23

11.  $k$  multiplied by 8

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

13. 10 divided by  $t$

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

Give two ways to write each algebraic expression in words.