

### 1.1B Variables and Expressions (translate)

Write the phrase as a variable expression.

Ex) $x$ plus 8 $\frac{1}{x} + 8$ $x + 8$	Ex) The product of 8 and $x$ $8x$	<table style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="4" style="text-align: center; padding: 5px;">Word Meanings</th> </tr> <tr> <td style="width: 25%; padding: 5px;">Addition sum more than plus increased</td> <td style="width: 25%; padding: 5px;">Subtraction difference minus decreased less than</td> <td style="width: 25%; padding: 5px;">Multiplication product times multiplied</td> <td style="width: 25%; padding: 5px;">Division quotient divided by</td> </tr> </table>	Word Meanings				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 $x$	2. The sum of $x$ 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  $x$

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.