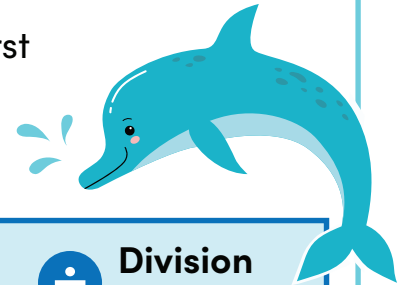Name   Date

WRITING ALGEBRAIC EXPRESSIONS

To translate a verbal expression into an algebraic expression, first look for key words that tell you whether the expression involves addition, subtraction, multiplication, or division.

+ Addition Phrases	**−** Subtraction Phrases	**✕** Multiplication Phrases	**÷** Division Phrases
Plus Sum Total Increased by More than	Minus Difference Subtracted from Decreased by Less than	Times Multiplied by Product of Twice	Quotient Divided by

Look at these examples:

7 increased by n 10 less than h 3 times the total of 6 and x

$7 + n$ $h - 10$ $3(6 + x)$

Now give it a try! Write each verbal expression as an algebraic expression.

the sum of q and 8 $q + 8$	x decreased by 2 $x - 2$
the quotient of 9 and c $9 \div c$	5 subtracted from w $w - 5$
7 times m $7m$	6 times the difference of d and 5 $6(d - 5)$
Twice the sum of j and 4 $2(j + 4)$	12 divided by p $12 \div p$