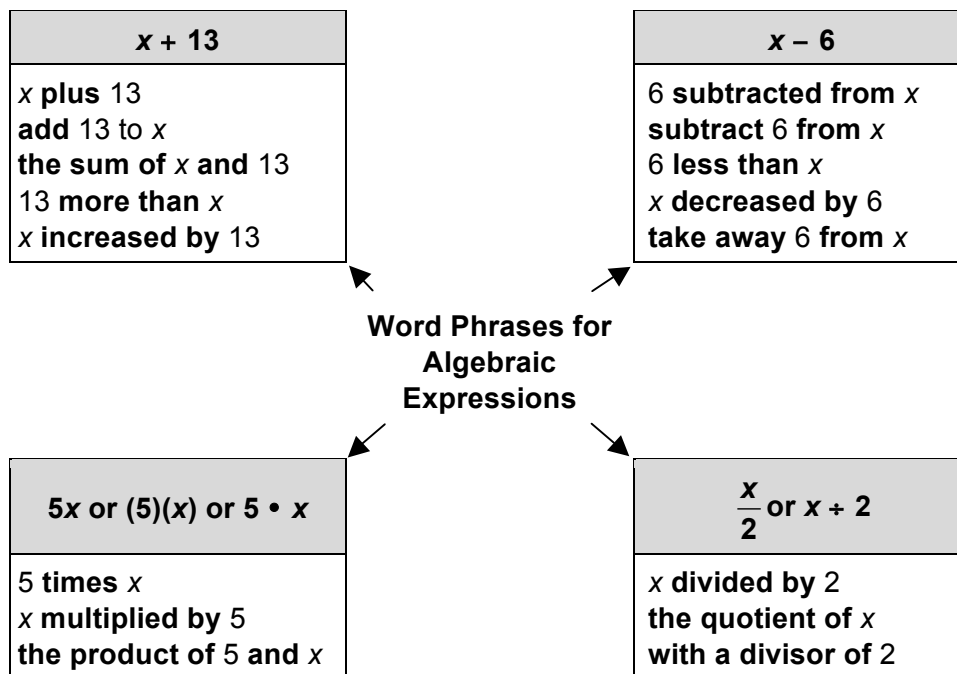


LESSON

11-1

Identifying word phrases for different operations can help you understand and write algebraic expressions. This visual map shows the four different operations with key word phrases in boldface.



There are key words and phrases that tell you which operations to use for mathematical expressions.

Addition (combine)	Subtraction (compare, take away)	Multiplication (put together equal groups)	Division (separate into equal groups)
add plus sum total increased by more than	minus difference subtract less than decreased by take away	product times multiply	quotient divide divide by

Translate **words** and **phrases** into mathematical expressions:

3 plus 5	→	$3 + 5$
4 less than p	→	$p - 4$
15 times n	→	$15n$
h divided by 4	→	$h \div 4$

Problem 2

You can use key words to write word phrases for mathematical expressions. You can write different word phrases for the same expression.

$7k \rightarrow$ the **product of** 7 and k

\rightarrow 7 **times** k

$8 - 2 \rightarrow$ 2 **less than** 8

\rightarrow 8 **minus** 2

$n + 10 \rightarrow$ 10 **more than** n

\rightarrow the **sum of** n and 10