

Algebra 1.1

Write verbal expressions for algebraic expressions

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algebraic expression

variable

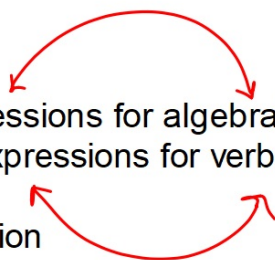
term

factor

product

power

exponent base



Key Concept

For Your
FOLDABLE

Translating Verbal to Algebraic Expressions

Operation	Verbal Phrases
Addition $\longrightarrow$	more than, sum, plus, increased by, added to
Subtraction $\longrightarrow$	less than, subtracted from, difference, decreased by, minus
Multiplication $\longrightarrow$	product of, multiplied by, times, of
Division $\longrightarrow$	quotient of, divided by

EXAMPLE 2 Write Algebraic Expressions

Write an algebraic expression for each verbal expression.

- a. a number t more than 6

$$6 + t$$

Check Your Progress

- 2A. the product of p and 6

$$p \cdot 6 \rightarrow 6p$$

- 2B. one third of the area a

$$\frac{1}{3} \cdot a = \frac{1}{3}a$$

Write a verbal expression for each algebraic expression.

1. $2m$

2. $\frac{2}{3}r^4$

3. $a^2 - 18b$

Write an algebraic expression for each verbal expression.



4. the sum of a number and 14

6. 7 more than 11 times a number

8. two fifths of a number j squared

$$\frac{2}{5}j^2 = \frac{2}{5}j^2$$

5. 6 less ^{than} a number t

7. 1 minus the quotient of r and 7

9. n cubed increased by 5

$$6 - t$$

$$1 - \frac{r}{7}$$

$$t - 6$$

$$n^3 + 5$$

$$1 - \frac{r}{7}$$

$$1 - r \div 7$$

p7 2-30 min