**WriteVerbalExpressions**An**algebraicexpression**consistsofoneormorenumbersandvariablesalongwithoneormorearithmeticoperations.Inalgebra,**variables**aresymbolsusedtorepresentunspecifiednumbersorvalues.Anylettermaybeusedasavariable.

**8**.*a*3 – *b*3

**14**.$\frac{2}{3}$*k*5

**11**.$\frac{1}{4}$*b*2

**10**.$\frac{6k^{3}}{5}$

**2**. $\frac{1}{3}a^{3}$

**StudyGuideandIntervention**

***VariablesandExpressions***

**Lesson1-1**

*GlencoeAlgebra1*

Chapter1

**5**

**16**.4(*n*2+1)

**15**.3*b*2+2*a*3

**13**.3*x*+4

**12**.7*n*5

**9**.2*x*3-3

**7**.2*n*2+4

**6**.62

**5**.84

**4**.12*d*

**3**.81+2*x*

**1**.*w*-1

**Exercises**

**Writeaverbalexpressionforeachalgebraicexpression.**

theproductof6and*n*squared

**b.*n*3–12*m***

thedifferenceof*n*cubedandtwelvetimes*m*

**Writeaverbalexpressionforeachalgebraicexpression.**

**Example**

**a.6*n*2**

**1-1**

NAME DATE PERIOD







**b. thedifferenceofanumbersquaredand8**

Theexpression*differenceof*impliessubtraction.thedifferenceofanumbersquaredand 8

*n*2 –8

Thealgebraicexpressionis*n*2 –8.

**a.fourmorethananumber*n***

Thewords*morethan*implyaddition. fourmorethananumber*n*

4+*n*

Thealgebraicexpressionis4+*n*.

**WriteAlgebraicExpressions**Translatingverbalexpressionsintoalgebraicexpressionsisanimportantalgebraicskill.

**StudyGuideandIntervention***(continued)*

***VariablesandExpressions***

*GlencoeAlgebra1*

Chapter1

**6**

**12**.30increasedby3timesthesquareofanumber

**11**.7morethantheproductof6andanumber

**10**.one-halfthesquareof*b*

**9**.twicethesumof15andanumber

**8**.3lessthan5timesanumber

**7**.thesumof9andanumber

**6**.anumbermultipliedby37

**5**.anumberdividedby6

**4**.fourtimesanumber

**3**.anumbersquared

**2**.anumberdividedby8

**1**.anumberdecreasedby8

**Exercises**

**Writeanalgebraicexpressionforeachverbalexpression.**

**Writeanalgebraicexpressionforeachverbalexpression.**

**Example**

**1-1**

NAME DATE PERIOD





