

Interpret the structure of expressions (Standard A.SSE.1)	
<p>Standard A.SSE.1: Interpret expressions that represent a quantity in terms of its context.</p> <p>a. Interpret parts of an expression, such as terms, factors, and coefficients.</p> <p>b. Interpret complicated expressions by viewing one or more of their parts as a single entity. <i>For example, interpret $P(1+r)^n$ as the product of P and a factor not depending on P.</i></p>	
Concepts and Skills to Master	
<ul style="list-style-type: none"> Given an expression, identify the terms, base, exponents, coefficients, and factors. Determine the real world context of the variables in an expression. Explain the context of different parts of a formula. 	
Related Standards: Current Course	Related Standards: Future Courses
I.SI.MP.7 , I.A.CED.2 , I.A.CED.4 , I.F.IF.3 , I.F.BF.2 , I.F.BF.3 , I.F.LE.1 , I.S.ID.7	II.N.RN.1 , II.N.RN.2 , II.A.SSE.1 , II.A.SSE.2 , II.A.SSE.3 , II.A.CED.2 , II.A.CED.4 , II.A.REI.4 , II.F.IF.8 , II.F.BF.3 , III.A.SSE.1 , III.A.SSE.2 , III.A.SSE.4 , III.A.CED.2 , II.A.CED.4 , III.A.APR.3 , III.A.APR.5 , III.F.IF.8 , III.F.BF.3 , III.F.LE.4 , III.F.TF.5

Support for Teachers

Critical Background Knowledge (Access Background Knowledge)
<ul style="list-style-type: none"> Understand that rewriting an expression can highlight quantities (7.EE.2) Determine rate of change and initial value of a function (8.F.3, 8.F.4) Interpret unit rate as the slope (8.EE.5)
Academic Vocabulary
Exponents, factors, terms, bases, coefficients, expression
Resources:
Curriculum Resources : http://www.uen.org/core/core.do?courseNum=5600#70114