

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

## Support for Teachers

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