

## 9th Grade Algebra: January 4, 2016 - January 8, 2016

MON. JAN. 4TH	TUE. JAN. 5TH	WED. JAN. 6TH	THU. JAN. 7TH	FRI. JAN. 8TH
<p><b>Expressions</b></p> <p><b>Standards</b>  <b>A.SSE.1</b> Interpret expressions that represent a quantity in terms of its context.                      Interpret parts of an expression, such as terms, factors, and coefficients.                      Interpret complicated expressions by viewing one or more of their parts as a single entity. 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>.  <small>Arkansas</small></p> <p><b>Today's Goal</b>                      I can interpret the context of expressions.</p> <p><b>Agenda</b>  <a href="#">Guided Practice</a>                      Students: Will interpret the context of expressions (<a href="#">Practice</a>).</p>	<p><b>Expressions</b></p> <p><b>Standards</b>  <b>A.SSE.1</b> Interpret expressions that represent a quantity in terms of its context.                      Interpret parts of an expression, such as terms, factors, and coefficients.                      Interpret complicated expressions by viewing one or more of their parts as a single entity. 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>.  <small>Arkansas</small></p> <p><b>Today's Goal</b>                      I can rewrite each expression in the format presented.</p> <p><b>Agenda</b>  <a href="#">Guided Practice</a>                      Students: Will rewrite each expression in the format presented. (<a href="#">Practice</a>).</p>	<p><b>Expressions</b></p> <p><b>Standards</b>  <b>A.SSE.1</b> Interpret expressions that represent a quantity in terms of its context.                      Interpret parts of an expression, such as terms, factors, and coefficients.                      Interpret complicated expressions by viewing one or more of their parts as a single entity. 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>.  <small>Arkansas</small></p> <p><b>Today's Goal</b>                      I can rewrite each expression in the format presented.</p> <p><b>Agenda</b>  <a href="#">Guided Practice</a>                      Students: Will rewrite each expression in the format presented. (<a href="#">Practice</a>).</p>	<p><b>Quadratic Equations</b></p> <p><b>Standards</b>  <b>A.SSE.3</b> Choose and produce an equivalent form of an expression to reveal and explain properties of the quantity represented by the expression.                      Factor a quadratic expression to reveal the zeros of the function it defines.                      Complete the square in a quadratic expression to reveal the maximum or minimum value of the function it defines.                      Use the properties of exponents to transform expressions for exponential functions. For example, the expression <math>1.15^t</math> can be rewritten as <math>(1.15^{1/12})^{12t}</math> to reveal the approximate equivalent monthly interest rate if the annual rate is 15%.  <small>Arkansas</small></p> <p><b>Today's Goal</b>                      I can solve quadratic equations.</p> <p><b>Agenda</b>  <a href="#">Guided Practice</a>                      Students: Will solve for the variable in all cases. (<a href="#">Practice</a>).</p>	<p><b>Quadratic Equations</b></p> <p><b>Standards</b>  <b>A.SSE.3</b> Choose and produce an equivalent form of an expression to reveal and explain properties of the quantity represented by the expression.                      Factor a quadratic expression to reveal the zeros of the function it defines.                      Complete the square in a quadratic expression to reveal the maximum or minimum value of the function it defines.                      Use the properties of exponents to transform expressions for exponential functions. For example, the expression <math>1.15^t</math> can be rewritten as <math>(1.15^{1/12})^{12t}</math> to reveal the approximate equivalent monthly interest rate if the annual rate is 15%.  <small>Arkansas</small></p> <p><b>Today's Goal</b>                      I can complete the square.</p> <p><b>Agenda</b>  <a href="#">Guided Practice</a>                      Students: Will complete the square. (<a href="#">Practice</a>).</p>