

<p align="center"><b>8th Grade Math</b></p> <h1>Rappin' with Rational &amp; Irrational Numbers</h1> <p><b>Standards</b></p> <p><b>NO.1.8.4</b> Understand and justify classifications of numbers in the real number system Arkansas Grade 8 Math</p>	<p align="center"><b>8th Grade Math</b></p> <h1>Decimal Expansion</h1> <p><b>Standards</b></p> <p><b>NO.1.8.3</b> Compare and order real numbers including irrational numbers and find their approximate location on a number line (Use technology when appropriate) Arkansas Grade 8 Math</p>	<p align="center"><b>8th Grade Math</b></p> <h1>Approximation of Irrational Numbers</h1> <p><b>Standards</b></p> <p><b>NO.1.8.3</b> Compare and order real numbers including irrational numbers and find their approximate location on a number line (Use technology when appropriate) Arkansas Grade 8 Math</p>	<p align="center"><b>8th Grade Math</b></p> <p><b>Standards</b></p> <p><b>Objective</b> Today's Goal- Moby Max Assessment</p> <p><b>Vocabulary</b></p> <p><b>Bellringer</b></p> <p><b>Procedure</b></p> <p><b>Extend</b></p> <p><b>Evaluate</b></p> <p><b>Homework</b></p> <p><b>Accommodations &amp; Modifications</b></p> <p><b>Reflections</b></p>	<p align="center"><b>8th Grade Math</b></p> <h1>Approximation of Irrational Numbers Continued</h1> <p><b>Standards</b></p> <p><b>NO.1.8.3</b> Compare and order real numbers including irrational numbers and find their approximate location on a number line (Use technology when appropriate) Arkansas Grade 8 Math</p>
<p><b>Objective</b> Today's Goal: I can classify rational and irrational numbers</p>	<p>Rational number, Irrational number, Repeating decimal, Terminating decimal</p>	<p><b>Objective</b> Today's Goal: - I can approximate irrational numbers and place them on a number line.</p>	<p><b>Objective</b> Today's Goal- Moby Max Assessment</p>	<p><b>Objective</b> Today's Goal: - I can approximate irrational numbers and place them on a number line.</p>
<p><b>Vocabulary</b> Rational number, Irrational number</p>	<p><b>Bellringer</b> Warn-Up (5 mins) Grab your portfolio from your assigned space and complete your reflection journal for today's goal. Remember you only write the goal and rate your understanding of the goal at this moment.</p>	<p><b>Vocabulary</b> Rational number, Irrational number, Repeating decimal, Terminating decimal</p>	<p><b>Accommodations &amp; Modifications</b></p>	<p><b>Vocabulary</b> Rational number, Irrational number, Repeating decimal, Terminating decimal</p>
<p><b>Bellringer</b> Warn-Up (5 mins) Grab your portfolio from your assigned space and complete your reflection journal for today's goal. Remember you only write the goal and rate your understanding of the goal at this moment. Complete "Classifying Rational and Irrational Numbers"</p> <p><b>Files</b> <a href="#">Classifying Rational and Irrational Numbersdownload.pdf</a></p>	<p><b>Procedure</b> (Mins 20) <b>Guided Practice.</b> You will use a calculator to write decimal expansions for several given numbers. Work with your partner to identify repeating decimals and terminating decimals. Make a conjecture about the numbers who decimal expansions are neither repeating nor terminating. <b>Practice</b></p>	<p><b>Bellringer</b> Warn-Up (5 mins) Grab your portfolio from your assigned space and complete your reflection journal for today's goal. Remember you only write the goal and rate your understanding of the goal at this moment.</p>	<p><b>Procedure</b> (Mins 20) <b>Guided Practice.</b> Since the decimal form of an irrational number is an approximate value, we can approximate where the values appear on the number line.</p> <p><b>Files</b> <a href="#">L7-4.pdf</a></p>	<p><b>Bellringer</b> Warn-Up (5 mins) Grab your portfolio from your assigned space and complete your reflection journal for today's goal. Remember you only write the goal and rate your understanding of the goal at this moment.</p>
<p><b>Procedure</b> Finish assignment: <a href="#">Rappin' with Rational &amp; Irrational Numbers</a> Your task is to work with your partner and create a rap song about rational and irrational numbers. The point is for the song to teach another student about the math concept. Your song is due on today at the end of class.</p>	<p><b>Extend</b> (15 Mins) Irrational number and decimal expansion. Write the letter of the answer that matches the problem. <a href="#">Click here</a></p>	<p><b>Procedure</b> (Mins 20) <b>Guided Practice.</b> Since the decimal form of an irrational number is an approximate value, we can approximate where the values appear on the number line.</p>	<p><b>Extend</b> (15 Mins) Approximations of Irrational Numbers <a href="#">Practice</a></p>	<p><b>Procedure</b> (Mins 20) <b>Guided Practice.</b> Since the decimal form of an irrational number is an approximate value, we can approximate where the values appear on the number line.</p> <p><b>Files</b> <a href="#">L7-4.pdf</a></p>
<p><b>Files</b> <a href="#">Example Rap Skit - Google Docs.pdf</a></p>	<p><b>Evaluate</b> Students complete irrational and decimal expansion.</p>	<p><b>Evaluate</b> Students complete approximation of irrational numbers.</p>	<p><b>Files</b> <a href="#">L7-4.pdf</a></p>	<p><b>Extend</b> (15 Mins) Approximations of Irrational Numbers <a href="#">Practice</a></p>
<p><b>Extend</b> During this lesson, you will know that numbers that are not rational are called irrational. You will understand that every number has a decimal expansion; for rational numbers show that the decimal expansion repeats eventually, and convert a decimal expansion, which repeats eventually into a rational number. You may access the student resource sheet by <a href="#">clicking here</a>.</p>	<p><b>Homework</b></p>	<p><b>Homework</b></p>	<p><b>Homework</b></p>	<p><b>Evaluate</b> Students complete approximation of irrational numbers.</p>
<p><b>Files</b> <a href="#">AIMSixPointWritingRubric.pdf</a></p>	<p><b>Accommodations &amp; Modifications</b> Extended response time.</p>	<p><b>Accommodations &amp; Modifications</b> Extended response time.</p>	<p><b>Accommodations &amp; Modifications</b> Extended response time.</p>	<p><b>Homework</b></p>
<p><b>Evaluate</b> This mini-project will be graded on Written Communication only so we can review the components of the rubric and know the expectations you need to meet in order to get a good grade.</p>	<p><b>Reflections</b> Reflection Journal (5 mins) Complete your "My Goal Understanding" reflection and rate yourself. Place in your portfolio and put your portfolio in the assigned space.</p>	<p><b>Reflections</b> Reflection Journal (5 mins) Complete your "My Goal Understanding" reflection and rate yourself. Place in your portfolio and put your portfolio in the assigned space.</p>	<p><b>Reflections</b> Reflection Journal (5 mins) Complete your "My Goal Understanding" reflection and rate yourself. Place in your portfolio and put your portfolio in the assigned space.</p>	<p><b>Homework</b></p>
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<p><b>Homework</b> Classroom Procedures and Expectations signed by parent.</p>	<p><b>Reflections</b></p>	<p><b>Reflections</b></p>	<p><b>Reflections</b></p>	<p><b>Reflections</b> Reflection Journal (5 mins) Complete your "My Goal Understanding" reflection and rate yourself. Place in your portfolio and put your portfolio in the assigned space.</p>
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