

Lesson Three - Solving Exponential Equations

Learning Objectives:

- Solve exponential equations

Learn it:

Option #1: Videos <ul style="list-style-type: none"> • Solving exponential equations with exponents on both sides (2:09) • Solving an exponential equation (3:13) • Solving a basic exponential equation (3:03) 	Option #2: Teacher Video <ul style="list-style-type: none"> • Solving Exponential Equations (9:06) 	Option #3: Slides #68 - 86 <ul style="list-style-type: none"> • Slideshow
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Practice it:

Option #1: Paper Practice <ul style="list-style-type: none"> • Solve exponential equations with exponents on each side <ul style="list-style-type: none"> ◦ Answer Key <p>Process for completing work:</p> <ol style="list-style-type: none"> 1. Try a problem out, show your work 2. Check your answer using the answer key 3. If the answer is correct, move onto the next problem. If the answer is incorrect, look back through your work to try to find your mistake. Fix your work until you get the correct answer. 4. If you can't figure out a problem, circle it and ask about it in class the next day. <p>No paper worksheets should be turned in until all answers (and work) are finished and corrected.</p>	Option #2: Khan Academy <ul style="list-style-type: none"> • Solve exponential equations (base 10 and e) • Solve exponential equations (base 2 and other bases) • Exponential model word problems <p>You must login to Khan Academy to save your progress, this assignment will count towards the grade. Login using your school Google account and add our class code. To receive credit on a Khan Academy assignment you must score 70% or better, redo the activity until you do.</p>
Option #3: Paper Practice <ul style="list-style-type: none"> • Exponential equations not requiring logarithms (problems 1-8) • Solve exponential equations with logarithms 	Option #4: IXL <ul style="list-style-type: none"> • Solve exponential equations using common logarithms • Solve exponential equations using natural logarithms
Option #5: Online Practice <ul style="list-style-type: none"> • Solving Exponential Equations - Practice Problems 	

Quiz Yourself (Optional):

6.B Day Three Assessment
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