

Pathways Reading Guide M4 Section 9

Please read Module 4, section 7 in your e-book, pp. 48 – 53 (Click on Module 4, then “text.”)

Be sure to *read with a pencil in hand* and attempt the examples before you read the solution given. Take notes of important definitions and ideas as you read. I don't expect you to have 100% comprehension of everything in the section, but spending significant time trying to understand the main ideas will assist you as you work on the Investigation during our next class.

Key Idea:

- We can use logarithms to solve exponential equations.
- By taking the logarithm of both sides of an exponential equation, we can use the properties of logarithms to find an equivalent form that makes the equation simple to solve.

You might view the video on p. 52 first, then work through the examples.