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MINI COOPER "S"

R56 Body - N14 Engine

Repair Manual



Mini Cooper S 2010 Shop Manual

Daniel F McAuley



Mini Cooper S 2010 Shop Manual:

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web if our equation has two logarithms we can use a property that says that if $\log_a m = \log_a n$ then it is true that $m = n$ this is the one to one property of logarithmic equations one to one property of logarithmic equations for $m > 0$ $n > 0$ $a > 0$ and $a \neq 1$ is any real number if $\log_a m = \log_a n$ then $m = n$

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web 1 keep the exponential expression by itself on one side of the equation 2 get the logarithms of both sides of the equation you can use any bases for logs 3 solve for the variable keep the answer exact or give decimal approximations

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web voiceover let s get some practice solving some exponential equations and we have one right over here we have 26 to the 9x plus five power equals one so pause the video and see if you can tell me what x is going to be well the key here is to realize that 26 to the zeroth power to the zeroth power is equal to one

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web key steps in solving exponential equations without logarithms so that if latex large b color blue m b color red n latex in other words if you can express the exponential equations to have the same base on both sides then it is okay to set their powers or exponents equal to each other

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web the key to solving exponential equations lies in logarithms let s take a closer look by working through some examples solving exponential equations of the form $a \cdot b^x = d$ let s solve $5 \cdot 2^x = 240$ to solve for x we must first isolate the exponential part to do this divide both sides by 5 as shown below