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Math_Questions_0001

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Here is the assignment:

While the radical symbol is widely used, converting to rational exponents has advantages. Explain an advantage of rational exponents over the radical sign. Include in your answer an example of an equation easier to solve as a rational exponent rather than a radical sign.

Don't forget to include in your post an example of an EQUATION that is easier to solve (not just an _expression).

Example: solve $x^{1/2} = 6$ this is an equation

Example: $4^{3/5}$ this is an _expression

And then, your example must be easier to solve with the exponent than it is to solve with the radical sign (my example above is probably easier to solve with a radical symbol as we all know what the square root of 36 is : $\sqrt{36} = 6$

So, show the steps to solve the SAME equation in exponent form and in radical form.