Name _____EMPLID_____ Date _____

MAT 1275CO – Mr. Kan   Fractional Exponents & Radicals

Watch this video from YouTube: https://youtu.be/trmMz2kzLrI
Upload your work to Dropbox using lastnamefirstinitialassignment03.pdf. This is due on Tuesday 9/21, at 10am.

1) In this example, what is "y" called? What is "x^a" called?

$$\sqrt[y]{x^a}$$

2) Simplify $-6\sqrt{54}$. Show all work.

3) Evaluate: $16^{\frac{5}{4}}$

4) Simplify: $\sqrt{72x^{14}y^9}$

5) Finish the quote from the video: "Society is never gonna make any progress until

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