

# Math Virtual Learning Algebra 1 S1 Radical and Rational exponents-Part 1

# May 18, 2020



## Algebra I S1 Lesson: May 18, 2020

## **Objective/Learning Target:** Students will convert radical exponents to rational (exponential) form.



#### **Radical Form Videos**

VIDEO # 1: https://www.youtube.com/watch?v=L5Z\_3RrrVjA

VIDEO # 2:

https://www.youtube.com/watch?v=gqNMJe2THLY&t=250s



## **PRACTICE TIME-PART 1**

Write each expression in exponential form.

7)  $(\sqrt{10})^3$ 

8) 
$$\sqrt[6]{2}$$



10)  $(\sqrt[4]{5})^5$ 

12)  $\sqrt[6]{10}$ 

11)  $\sqrt[3]{2}$ 



## **PRACTICE TIME-PART 2**

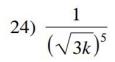
Write each expression in exponential form.

19)  $(\sqrt[4]{m})^3$  20)  $(\sqrt[3]{6x})^4$ 

21) 
$$\sqrt[4]{v}$$

22)  $\sqrt{6p}$ 

23)  $(\sqrt[3]{3a})^4$ 





#### PRACTICE TIME-PART 1 ANSWERS

Write each expression in exponential form.





#### PRACTICE TIME-PART 2 ANSWERS

Write each expression in exponential form.

