

## Math Virtual Learning Algebra 1 S1 Radical and Rational exponents-Part 2

## May 19, 2020



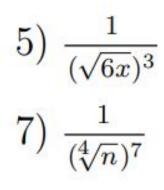
#### Algebra I S1 Lesson: May 19, 2020

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



#### **BELL RINGER**

## Write each expression in exponential form.



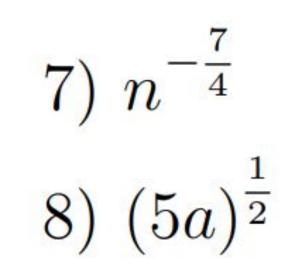
6)  $\sqrt{v}$ 

8)  $\sqrt{5a}$ 



#### **BELL RINGER-ANSWERS**

5)  $(6x)^{-\frac{3}{2}}$ 6)  $v^{\frac{1}{2}}$ 





#### **Converting Rational Form Videos**

## VIDEO # 1: Converting a rational exponent to radical form <a href="https://www.youtube.com/watch?v=-rzQQExcXoY">https://www.youtube.com/watch?v=-rzQQExcXoY</a>

# VIDEO # 2: Rewriting a rational exponent to radical form <a href="https://www.youtube.com/watch?v=-VqV-NI7QvQ">https://www.youtube.com/watch?v=-VqV-NI7QvQ</a>



### **PRACTICE TIME-PART 2-1**

Write each expression in radical form.

1) 
$$(5n)^{\frac{1}{4}}$$
 2)  $n^{\frac{3}{2}}$ 

3)  $(3b)^{\frac{1}{2}}$  4)  $(6x)^{\frac{5}{2}}$ 

5) 
$$(4b)^{\frac{4}{3}}$$
 6) (5x)

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### **PRACTICE TIME-PART 2-2**

7) 
$$(4n)^{\frac{2}{3}}$$
 8)  $x^{\frac{2}{5}}$ 

9) 
$$(7p)^{\frac{5}{3}}$$
 10)  $(5b)^{\frac{5}{4}}$ 

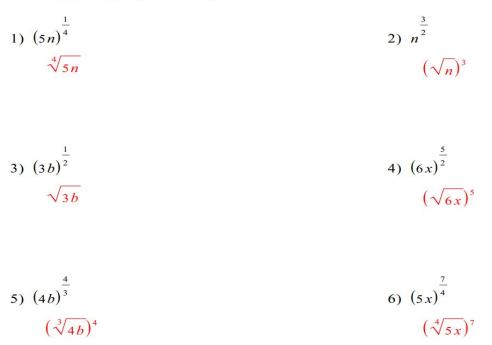
11) 
$$(2n)^{\frac{3}{2}}$$

12)  $(5r)^{\frac{5}{2}}$ 



#### PRACTICE TIME-PART 2-1 ANSWERS

Write each expression in radical form.





#### PRACTICE TIME-PART 2-2 ANSWERS

