

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

May 19, 2020



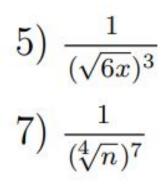
Algebra I S1 Lesson: May 19, 2020

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



BELL RINGER

Write each expression in exponential form.



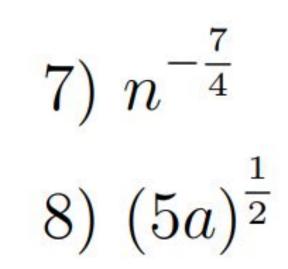
6) \sqrt{v}

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 https://www.youtube.com/watch?v=-rzQQExcXoY

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



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) $(5b)^{\frac{5}{4}}$

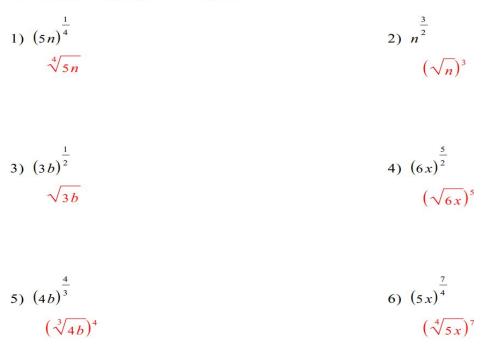
11)
$$(2n)^{\frac{3}{2}}$$

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



PRACTICE TIME-PART 2-1 ANSWERS

Write each expression in radical form.





PRACTICE TIME-PART 2-2 ANSWERS

