

Math Virtual Learning

Algebra 1 S1

May 11 , 2020



Algebra 1 S1 Lesson: May 11

Objective/Learning Target:

Students will find equivalent expressions using the power of a power rule of

exponents. (May 11 lesson)

Brainstarter

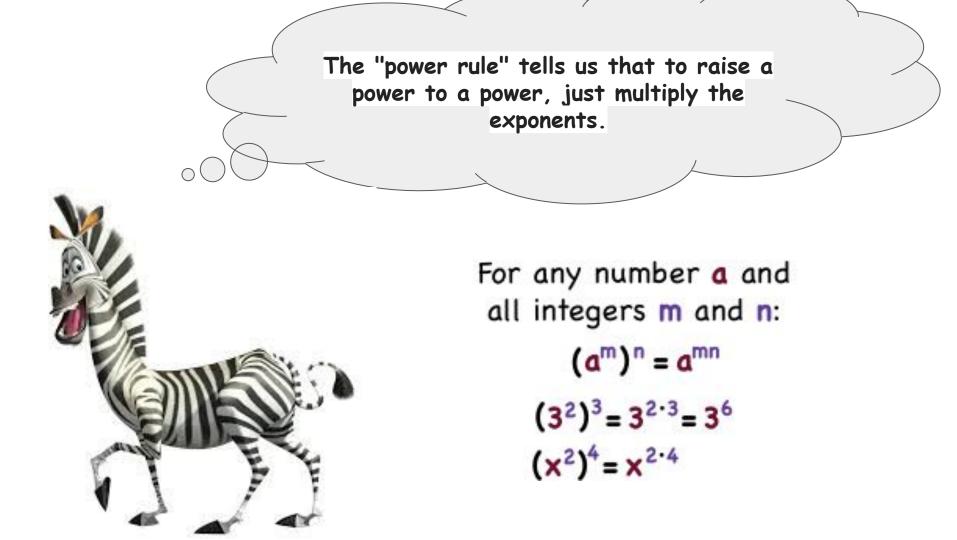


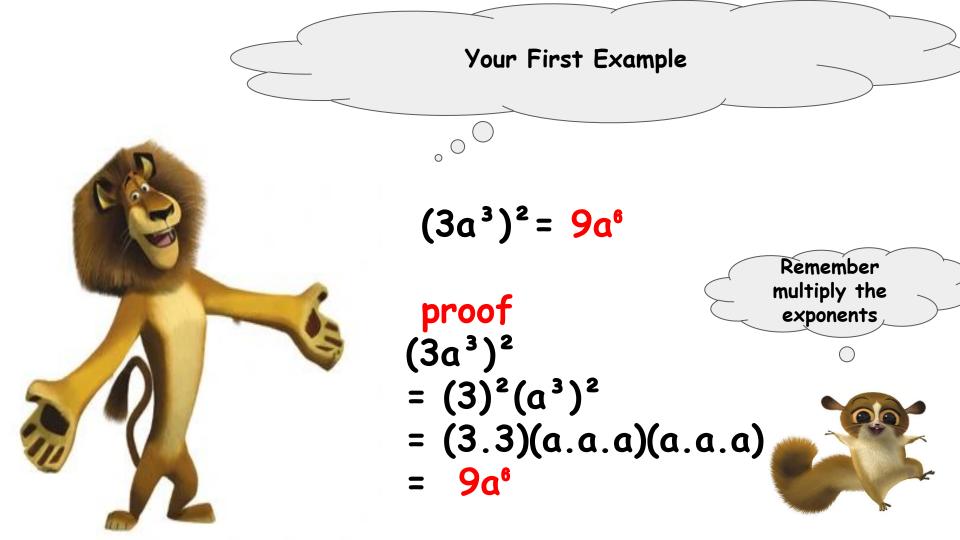


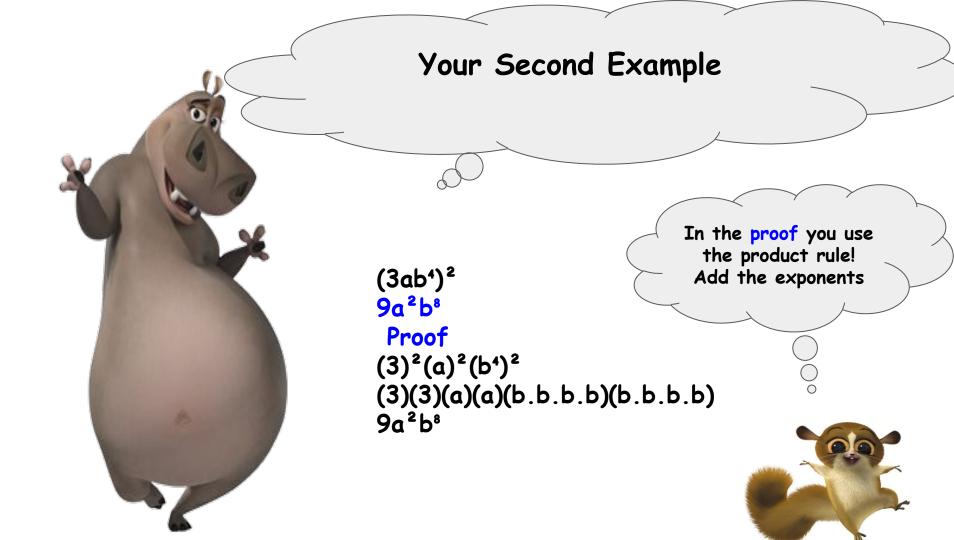
"Remember Take Notes"

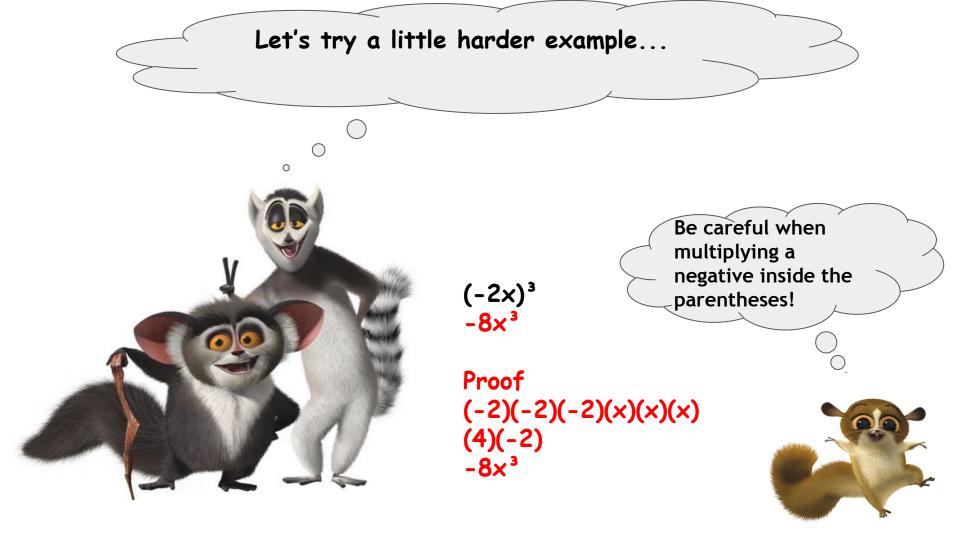
Let's Get Started

Watch Video 1:









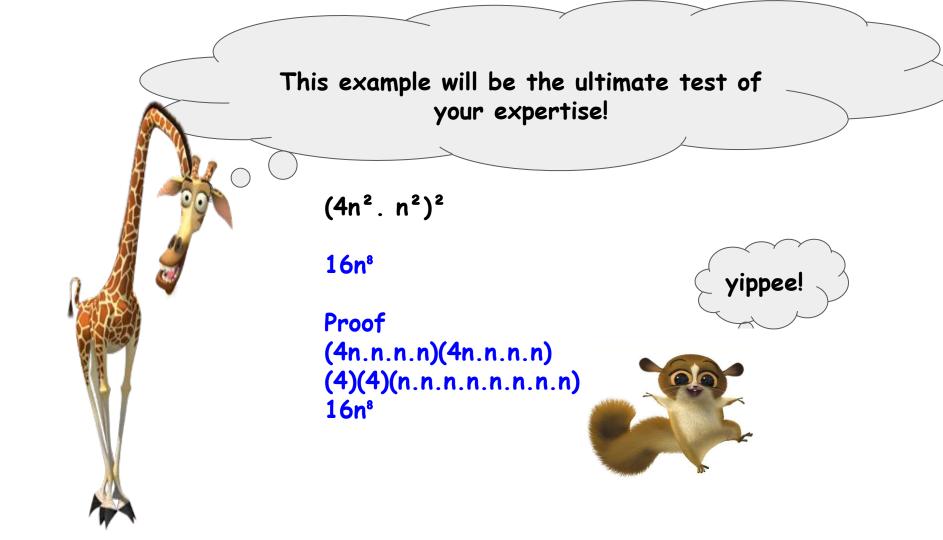
I think you've got it!

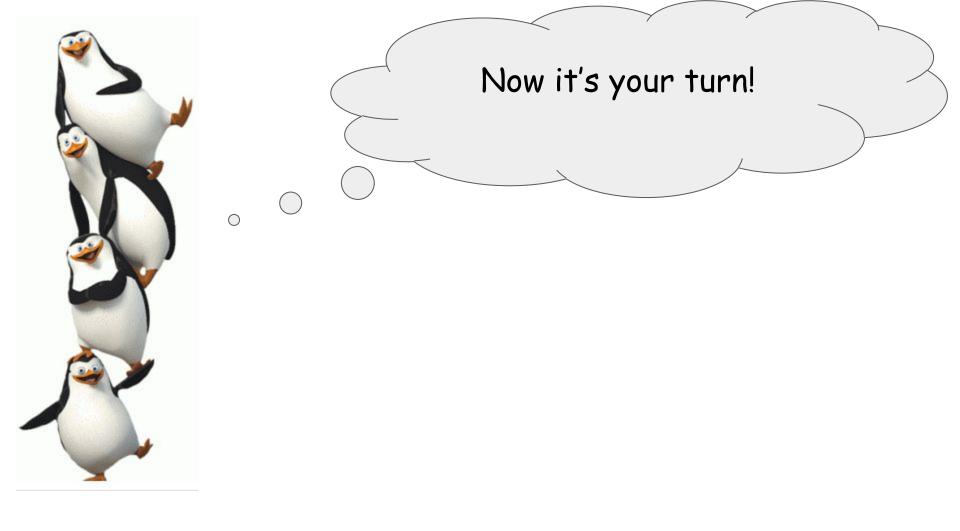
(-2x²)⁴ 16x⁸ Can you see the pattern? A negative expression raised to an odd exponent is a negative number. A negative expression raised to an even exponent is a positive number.

Proof (-2)(-2)(-2)(-2)(x.x.x.x.x.x.x.)

16x⁸







1). (2n²)⁴

3). (4n² . n)²

2). (-6xyx⁴)²

4). (-3n³y²)³

Answer Key:

Once you have completed the problems, check your answers here.

3). 16n⁶

1). 16n⁸

2). 36y²x⁸

4). -27n⁹y⁶

Additional Practice:

<u>Finding equivalent expressions using the</u> <u>power of powers rule of exponents.</u>

