

# Math 8 Khan Academy Work

April 13<sup>th</sup> - April 17<sup>th</sup> 2020

**\*Remember\***-All work below has a due date of Friday April 17<sup>th</sup> by 11:59pm. Therefore, you can work at any pace you would like as long as everything below is complete by 4/17/2020 at 11:59pm. **BE SURE TO WORK IN ORDER OF THE ASSIGNMENTS GIVEN BELOW!!**

**\*Remember\*** - You must watch videos ALL THE WAY THROUGH to receive credit. You can do the exercises/practice problems several times so you need to earn 100% for full credit. You can also try the quiz at the end several times to improve your assessment grade.

**This week we will be focusing on standards 8.EE.A.3 - 4 → I can use numbers expressed in the form of a single digit times an integer power of 10 to estimate very large or very small quantities. I can perform operations with numbers expressed in scientific notation.**

**\*\*\*If you want to read more, this content aligns with sections 10.5 - 10.7 in your Big Ideas textbook.\*\*\***

<b>Monday April 13<sup>th</sup></b>
a) Multiplying Multiples of Powers of 10 (Video - 2 mins) b) Multiplication and Division with Powers of 10 (Exercises - 7 problems) c) Approximating with Powers of 10 (Video - 4 mins) d) Approximating with Powers of 10 (Exercises - 4 problems)
<b>Tuesday April 14<sup>th</sup></b>
a) Scientific Notation Example: 0.0000000003457 (Video - 4 mins) b) Scientific Notation Examples (Video - 11 mins) c) Scientific Notation (Exercises - 7 problems) d) Scientific Notation Review (Article and 4 practice problems)
<b>Wednesday April 15<sup>th</sup></b>
a) Multiplying & Dividing in Scientific Notation (Video - 2 mins) b) Multiplying Three Numbers in Scientific Notation (Video - 7 mins) c) Multiplying & Dividing in Scientific Notation (Exercises - 4 problems) d) Subtracting in Scientific Notation (Video - 4 mins)
<b>Thursday April 16<sup>th</sup></b>
a) Adding & Subtracting in Scientific Notation (Exercises - 4 problems) b) Simplifying in Scientific Notation Challenge (Video - 5 mins) c) Scientific Notation Word Problem: Red Blood Cells (Video - 4 mins) d) Scientific Notation Word Problem: U.S. National Debt (Video - 6 mins)
<b>Friday April 17<sup>th</sup></b>
a) Scientific Notation Word Problem: Speed of Light (Video - 4 mins) b) Scientific Notation Word Problems (Exercises - 4 problems) c) Numbers and Operations Quiz 4 (Assessment - 5 problems)

## GRADING NOTES

Practice Work: Videos: You earn 1 point for watching each full video.

Exercises: You earn 2 points per set of exercises completed to 100%.

Assessments Quiz: This week's quiz is out of 5 assessment points.