**Teacher: Mrs. Wright Subject: 8th Grade Math Dates: Week 2 (4/27 to 5/1) 7-12 Weekly Planner** *Welcome to our Distance Learning Classroom!* **Student Time Expectation per day: 30 minutes**

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| **Content Area**  **& Materials** | **Learning Objectives** | | **Tasks** | | **Check-in Opportunities** | | **Submission of Work for Grades** | |
| **8th Grade Math**  **Paper Packet**   * Lesson 4-2, 4-3, and 4-4 Notes * Lesson 4-2, 4-3, and 4-4 Homework   **Online Work**   * Lesson 4-2, 4-3, and 4-4 Videos * Lesson 4-2, 4-3, and 4-4 Digits Assignments | **Essential Question:** What is scientific notation, and how can it be used in the real world?  **Students will…**   * Write numbers in standard form * Write numbers in scientific notation * Add, subtract, multiply, and divide numbers in scientific notation | | **Paper Packet**   * Review the notes * Complete the homework assignments   **Online Work**   * Watch the videos * Complete the Digits assignments | | Mrs. Wright will be available during office hours at the times indicated below. You can reach Mrs. Wright during these office hours via:   * Zoom link provided via email * Email: [mwright@tusd.net](mailto:mwright@tusd.net) * Phone number:   (209) 597-8776 | | Students are expected to complete all three homework assignments. They must answer all questions to receive full credit.   * If you are turning in the paper packer, then PLEASE MAKE SURE YOUR NAME IS ON YOUR PAPER! * If you are doing your work on the Digits website, then PLEASE MAKE SURE TO PRESS “SUBMIT MY WORK”! | |
| **Scaffolds & Supports** | The notes/videos contain definitions, examples, and steps to follow when solving problems. | | | | | | | |
| **Teacher Office Hours** | **Monday**  9-10 am  and  3-4pm | **Tuesday**  9-10 am  and  3-4pm | | **Wednesday**  9-10 am  and  3-4pm | | **Thursday**  9-10 am  and  3-4pm | | **Friday**  9-10 am  and  3-4pm |

**Video Links**

* Lesson 4-2: <https://www.loom.com/share/2b494f9f491743baa7803e7b964abb21>

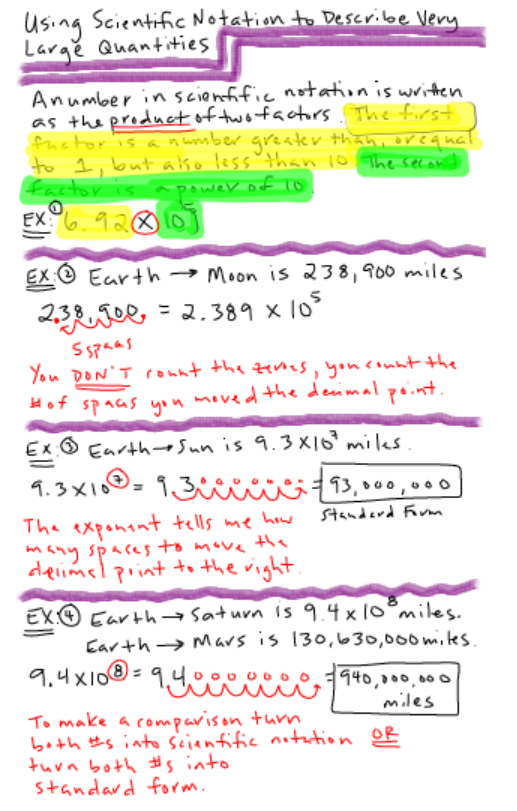
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| [https://cdn.loom.com/sessions/thumbnails/2b494f9f491743baa7803e7b964abb21-00001.gif](https://www.loom.com/share/2b494f9f491743baa7803e7b964abb21) | [Lesson 4-2 Video](https://www.loom.com/share/2b494f9f491743baa7803e7b964abb21)  Check out a video I made via Loom  [www.loom.com](http://www.loom.com) |

* Lesson 4-3: <https://www.loom.com/share/4bca5f993d1f4e5183302e7d49d92794>
* Lesson 4-4: <https://www.loom.com/share/cac518062e394d2daa6ab9acfade0dc2>

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| [https://cdn.loom.com/sessions/thumbnails/cac518062e394d2daa6ab9acfade0dc2-00001.gif](https://www.loom.com/share/cac518062e394d2daa6ab9acfade0dc2) | [Lesson 4-4 Video](https://www.loom.com/share/cac518062e394d2daa6ab9acfade0dc2)  Check out a video I made via Loom  [www.loom.com](http://www.loom.com) |

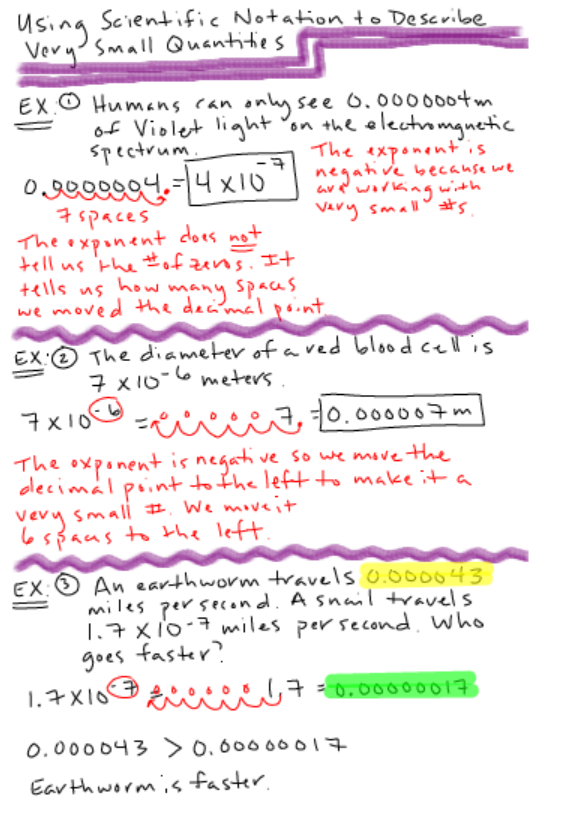
**Zoom Links**

* Morning Office Hours (9:00 - 10:00): <https://zoom.us/j/346712980?pwd=ZmxaN1ZramsxRGVnWU41a1dzMW5JZz09>; Meeting ID # is 346-712-980; Password is 213494
* Afternoon Office Hours (3:00 - 4:00): <https://zoom.us/j/171825496?pwd=eVJHMFpIRzFiS2RDT25RSHhvcjM0dz09>; Meeting ID # is 171-825-496; Password is 892194



**Lesson 4-2 Homework**

1. Express the number 80,000 in scientific notation.
2. Express the number 60,000 in scientific notation.
3. Express the number in standard form.
4. The diameter of a certain star is about km. Express this diameter in standard form.
5. Which number is greater, or ?
6. Express the number in standard form.
7. Which number is less, or 630,000?
8. An historian predicts that by 2050, about people will live in a certain country. Express this prediction in standard form.
9. Express the number in standard form.



**Lesson 4-3 Homework**

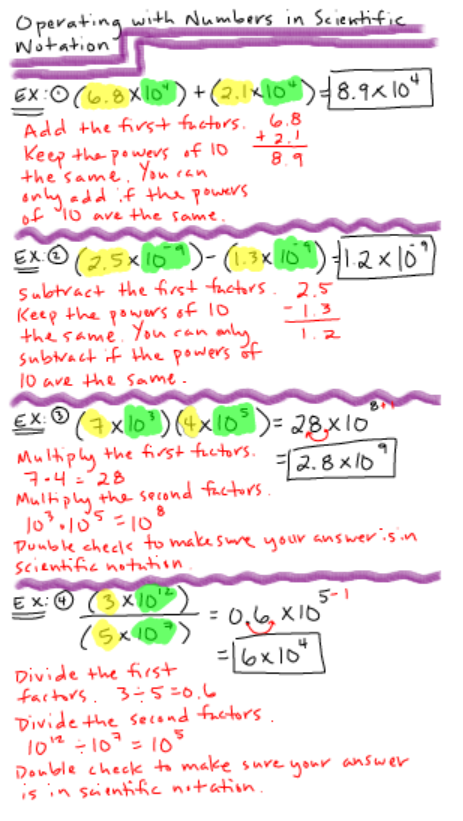
1. Express the number 0.0073 in scientific notation.
2. Express 0.5 in scientific notation by counting decimal places.
3. Write in standard form.
4. The length of a bacterial cell is m. Express the length of the cell in standard form.
5. Which number is greater, or ?
6. Express 0.000000298 in scientific notation.
7. Human hair grows at a rate of m per minute or m per hour. Express each rate in standard form.
8. The numbers below represent 0.002 as a product of two factors. Which product is written in scientific notation?

❍ A.

❍ B.

❍ C.

❍ D.



**Lesson 4-4 Homework**

1. Add and write your answer in scientific notation.
2. Subtract and write your answer in scientific notation.
3. Simplify the expression . Write the answer in scientific notation.
4. Divide. . Express your answer in scientific notation.
5. Subtract and write your answer in scientific notation.
6. Find the sum of .