This may seem hard but you got this, I know it!

SD 38 K-12 Mathematics & Numeracy

Grades 6&7: Week One

Big Idea: Number represents and describes quantity.
Curricular Content: small to large numbers (thousandths to billions)
Curricular Competencies: communicate mathematical thinking in many ways, represent mathematical ideas in concrete, pictorial, and symbolic forms, connect mathematical concepts to each other and to other areas and personal interests
Core Competencies focus: Communication

There are 5 questions — do one a day or chunk them, your choice

Teachers and Families: The following are five problems/tasks to choose from for this week, based on the above curricular areas of focus.

Choose a number: 0.352 or 5.786 or 10 000 or 500 000 000 What different ways can you represent the number? Try and think of at least five different ways. Consider using symbols, pictures, words, grids/arrays, equations, etc.	1
Choose a number: 0.875 or 3.649 or 1 000 000 000 What ten different ways can you decompose it? Decompose means break into parts (ie. 20 can be decomposed into 10 and 10 or 10 and 7 and 3 and many other ways). How will you show your thinking?	2
Choose a number: 1.750 or 750 000 Think about that quantity of something that you have at your home. How much space does that amount take up? What different ways could you count the items if you had to? Show your thinking using pictures, numbers and words.	3
Choose an amount: $999.99 or $999 999 What are some different ways can you make this amount with bills and/or coins? What are three items that cost about this much?	4
Numeracy Task: Look in a newspaper, flyers or on a website. Where do you see numbers? Record the five smallest numbers and the five largest numbers you find on a piece of paper. What numbers are most common? How are numbers used to organize information, represent value or importance or communicate ideas?	5

created by Janice Novakowski for the Richmond School District
SD38:6-7MATH-1

RICHMOND SCHOOL DISTRICT NO.38

Question #1

ms. Ds example → you choose one of the numbers from the question ☺

Choose a number: 1

5 ways to represent the #: 1

1. I can use words: One
2. I can use numbers 1
3. I can use equation $\frac{1}{2} + \frac{1}{2} = 1$
4. I can use money 1.00 = 100 pennies
5. I can use you can think of your own answer

Remember: If a task seems to big. Break it down into smaller tasks. Do your best. Don't give up. Trust your instincts.

This is thinking like a mathematician