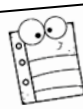


PLACE VALUE

TEKS Journal Prompts

MARVELMath

Why is our number system called a "base-10" system?
You may draw pictures using base 10 blocks or a place value chart to help explain your thinking.



4.2A #1

Jesse says that it takes less room to write
3,000,003,000 in expanded notation than **45,873** in
expanded notation. Is he correct? Why or why not?



4.2B

How do you write 0.4 and 0.04 as fractions?
How do you know what the denominator should be?



4.2G

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4th
GRADE

Use these Journal Prompts as **Early Finisher Work** or **Meaningful Homework**

Model one whole, one tenth, and one hundredth.
Label your models with words, decimals and
fractions. Bonus: Use your models to explain $\times 10$
and one-tenth relationships.



4.2E #1

Model one whole, one tenth, and one hundredth.
Label your models with words, decimals and
fractions. Bonus: Use your models to explain $\times 10$
and one-tenth relationships.

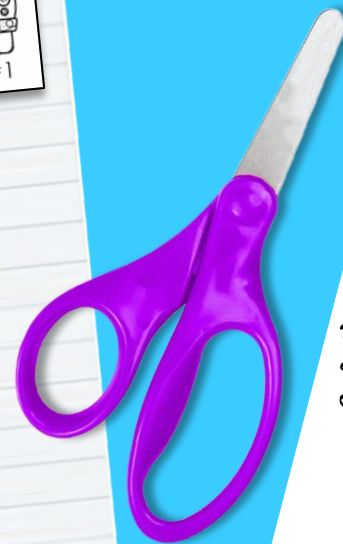


4.2E #1

Model one whole, one tenth, and one hundredth.
Label your models with words, decimals and
fractions. Bonus: Use your models to explain $\times 10$
and one-tenth relationships.



4.2E #1



11 Ready-to-Use Journal Prompts to Deepen Understanding

4.2C

COMPARE & ORDER WHOLE NUMBERS

Explain how to compare 34,503 and 34,499. Which place should you start with to compare?



4.2C

Explain how to compare 34,503 and 34,499. Which place should you start with to compare?



4.2C

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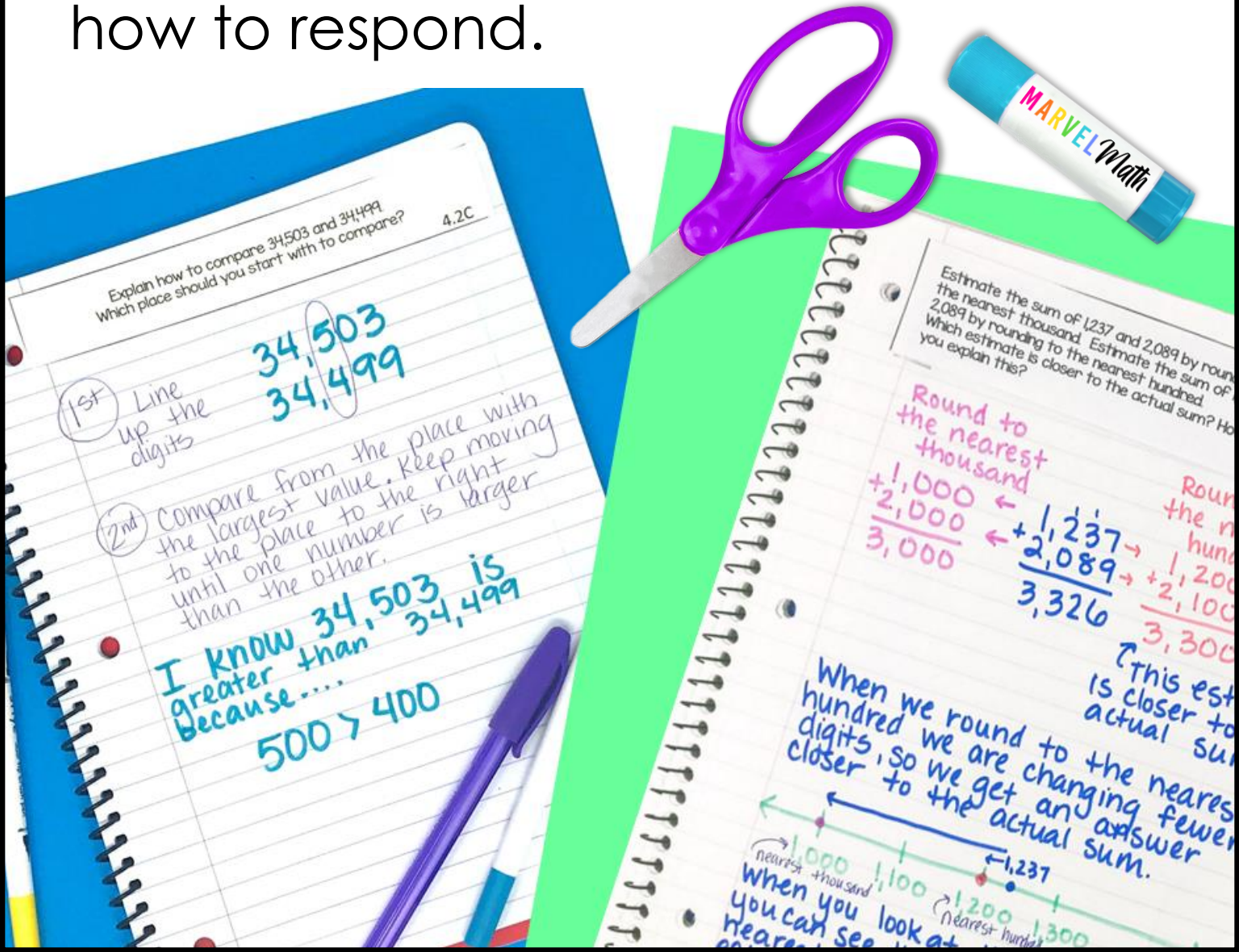
4.2C

Explain how to compare 34,503 and 34,499. Which place should you start with to compare?



Easy-to-Use Math Station

Use the Sample Journal Response pages to give students ideas on how to respond.



Built for the Place Value TEKS

MARVELMath

Why is our number system called a "base-10" system? You may draw pictures using base 10 blocks or a place value chart to help explain your thinking.



4.2A #1

Explain the relationship between the value of the 3 in the tens place and the value of the 3 in the hundreds place for the number below. You may draw pictures using base 10 blocks or money to help.

330



4.2A #2

Jesse says that it takes less room to write $45,873$ in $3,000,003,000$ in expanded notation than $45,873$ in expanded notation. Is he correct? Why or why not?



4.2B

Explain how to compare $34,503$ and $34,499$. Which place should you start with to compare?



4.2C

When rounding to the nearest ten, what are all of the numbers that round to 70? What are the smallest and largest numbers that round to 700 when rounding to the nearest hundred?



4.2D

Model one whole, one tenth, and one hundredth. Label your model with words, decimals and fractions. Bonus: Use base-ten relationships.

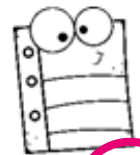


4.2E #1

Every Journal Prompt includes 2 versions



Why is our number system called a "base-10" system? You may draw pictures using base 10 blocks or a place value chart to help explain your thinking.



4.2A #1

Explain the relationship between the value of the 3 in the tens place and the value of the 3 in the hundreds place for the number below. You may draw pictures using base 10 blocks or money to help.

330



4.2A #2

About the Author

This resource was created by Melissa Johnson, who has 16 years of k-10 teaching experience and a masters degree in Mathematics Education. Her resources build conceptual understanding, make connections between math topics and engage students in the mathematics they are learning.

