Place Value Practice

Janie wrote the number 43,4̲85.   Jack wrote the number 34,8̲35. How many times greater is the 8 in Jack's number than the 8 in Janie's number? Use pictures, numbers, or words to demonstrate your reasoning.

Susanna wrote the number 42,396. Cara wrote a five-digit number that only has one 2 in it. The 2 in Cara's number is worth 10 times as much as the 2 in Susanna's number. Write three different numbers Cara could have written.

Which statement(s) are true?

Jace's Number	Rayna's Number
56,943	35,496

A.   The 4 in Jace's number has 10 times the value as the 4 in Rayna's number.

B.   The 9 in Jace's number has 10 times the value as the 9 in Rayna's number.

C.   The 5 in Jace's number has 10 times the value as the 5 in Rayna's number.

Use numbers, pictures, or words to show you you know its true

Becca and Darian were given the six digit cards show below.

2, 3, 4, 5, 6, 7

They each had to create a different number using all of the digits. You can see the numbers they have started to build.

Becca's Number	Darian's Number
54 ___, ___ 7 ___	___ 54, 7 ___ ___

Which of the digit(s) in Becca's number has a value that is 10 times the value of the same digit in Darian's number? Explain how you know.

Complete the following with the correct multiplication or division sentence and the number 10 to create true equations.

Example: $57=570\div10$

7=70 _____   21=21,00 _____

380=38=_____   341=3,410_____

Alexis wrote the number 456,083. Brennan wrote the number 564,830. How many times greater is the 4 in Alexis's number than the 8 in Brennan's number? Use pictures, numbers, or words to demonstrate your reasoning.
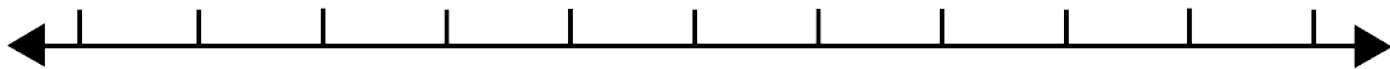
Rounding Practice

Place 1,625 on the number line.

Round 1,625 to the nearest thousands. Explain your reasoning.

_____

_____

Eliza wrote a number and rounded the number to the nearest thousand. When she rounded, the number was 4,000. What is the smallest number Eliza could have written? How do you know?

_____

_____

A fourth grade teacher wrote three numbers on the board and asked her students to round the numbers.

148,889   118,144   134,848

Faith rounded all of the numbers and got the same answer. Grace said that she rounded the numbers and got three different answers. Can they both be correct? how do you know?

_____

_____

A number has been rounded to 800. What might the number be?

_____ was rounded to the nearest _____.

_____ was rounded to the nearest _____.

_____ was rounded to the nearest _____.