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Grade 2 Unit 5
Lesson 12
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Unit 5 Lesson 12: Order Numbers

WU Number Talk: Subtract Tens (Warm up)

Student Task Statement

Find the value of each expression mentally.

- $80 - 50$
- $87 - 50$
- $76 - 40$
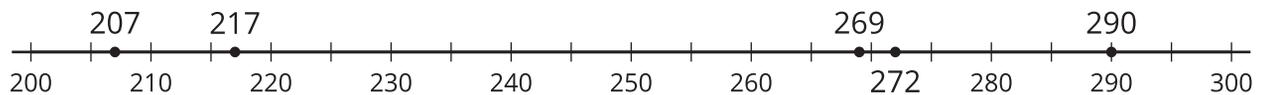- $66 - 30$

1 Who is Out of Order?

Student Task Statement

Kiran and Andre put a list of numbers in order from least to greatest.

Kiran	Andre
207, 217, 272, 269, 290	207, 217, 269, 272, 290

Andre disagreed with Kiran, so he used a number line to justify his answer.

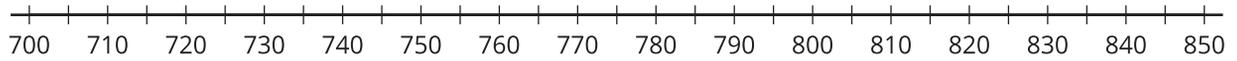Who do you agree with? Why?

Be prepared to explain your thinking. Use what you know about place value or the number line to justify your reasoning.

2 Order Numbers
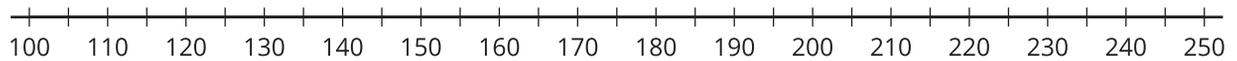
Student Task Statement

1. Estimate the location of 839, 765, 788, 815, and 719 on the number line. Mark each number with a point. Label the point with the number it represents.

|----+----+----+----+----+----+----+----+----+----+----+----+----+----+----+----|
700 710 720 730 740 750 760 770 780 790 800 810 820 830 840 850

Order the numbers from *least to greatest.*

_____, _____, _____, _____, _____

2. Estimate the location of 199, 245, 173, 218, and 137 on the number line. Mark each number with a point. Label the point with the number it represents.

|----+----+----+----+----+----+----+----+----+----+----+----+----+----+----+----|
100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250

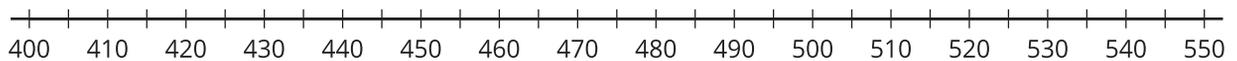Order the numbers from *greatest to least.*

_____, _____, _____, _____, _____

3. Order the numbers from *least to greatest.*

545, 454, 405, 504, and 445

_____, _____, _____, _____, _____

Explain or show your thinking. Use the number line if it helps.

|----+----+----+----+----+----+----+----+----+----+----+----+----+----+----+----|
400 410 420 430 440 450 460 470 480 490 500 510 520 530 540 550

4. Was it more helpful for you to put the numbers in order first or put them on the number line first? Explain.