Rounding With Basic Math Operations Guided Lesson Explanation

The goal of this lesson is to remind students that reading directions is very important.

Questions 1 and 2 ask us to do the math first. Once we have that value we round to the highest place value the integer has. We do need to remember our order of operations.

1) 923 + 87 – 267

1,010 – 267 (add)

743 (subtract)

700 (rounded to nearest hundred)

2) 96 – 81 ÷ 9

96 – 9   (division comes before subtraction in our order of operations).

87 (subtract)

90 (rounded to the nearest tens place)

When doing questions 3 and 4 we start by rounding to the nearest tens place. We then perform the operations, using our order of operations. We <u>are not</u> asked to round the final value.

3) 923 + 87 – 267

920 + 90 – 270 (round to the nearest tens)

1,010 – 270 (add)

740 (subtract)

4) 96 – 81 ÷ 9

100 – 80 ÷ 10 (round to the nearest tens)

100 – 8   (division is first)

92 (subtract)