Name _____   Date _____
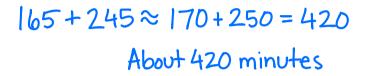
Jesse practices the trumpet for a total of 165 minutes during the first week of school. He practices for 245 minutes during the second week.

   a. Estimate the total amount of time Jesse practices by rounding to the nearest 10 minutes.

$$165 + 245 \approx 170 + 250 = 420$$

About 420 minutes

   b. Estimate the total amount of time Jesse practices by rounding to the nearest 100 minutes.

$$165 + 245 \approx 200 + 200 = 400$$

About 400 minutes

   c. Explain why the estimates are so close to each other.

In (a) and (b) the numbers were close to the halfway marks.

Lesson 17:   Estimate sums by rounding and apply to solve measurement word problems.

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