G4-M7-Lesson 9

1. Determine the following sum and difference. Show your work.

1 day = 24 hr 1 hr = 60 min 1 min = 60 sec

a. 6 hr 26 min + 4 hr 41 min = 11 hr 7 min

6 hr 26 min + 4 hr 41 min = 10 hr 67 min = 11 hr 7 min

1 hr 7 min

1 add like units just as with fractions or other measurement units.

b. $36 \min 42 \sec - 24 \min 56 \sec = 11 \min 46 \sec$

36 min 42 sec – 24 min 56 sec = 36 min 46 sec – 25 min = 11 min 46 sec

| use compensation as a strategy to solve. I add 4 seconds to each time. The difference remains the same. Subtracting just one unit, minutes, is easier than subtracting mixed units.

2. Ciera finished the race in 3 minutes 31 seconds. She beat Sarah's time by 47 seconds. What was Sarah's time?

