

6.6 Measures of Time

Adding / Subtracting
units of time

hours, minutes, secs

$$1 \text{ hr} = \underline{60} \text{ min}$$

$$1 \text{ min} = \underline{60} \text{ sec}$$

$$\begin{array}{r} 11 \text{ hr } 27 \text{ min } 12 \text{ sec} \\ + 2 \text{ hr } 22 \text{ min } 43 \text{ sec} \\ \hline 13 \text{ hr } 49 \text{ min } 55 \text{ sec} \end{array}$$

77 sec

$$\begin{array}{r} 10 \text{ hr } 26 \text{ min } 35 \text{ sec} \\ + 7 \text{ hr } 42 \text{ min } 42 \text{ sec} \\ \hline 17 \text{ hr } 68 \text{ min } 77 \text{ sec} \end{array}$$

1 min 17 sec
69 min

$$\boxed{18 \text{ hr } 9 \text{ min } 17 \text{ sec}}$$

$$\begin{array}{r} 9 \text{ hr } 17 \text{ min } 56 \text{ sec} \\ - 6 \text{ hr } 15 \text{ min } 43 \text{ sec} \\ \hline 3 \text{ hr } 2 \text{ min } 13 \text{ sec} \\ \begin{array}{r} 11 \\ \times 73 \\ \hline \end{array} \\ \begin{array}{r} 12 \text{ hr } 14 \text{ min } 70 \text{ sec} \\ - 9 \text{ hr } 40 \text{ min } 30 \text{ sec} \\ \hline 2 \text{ hr } 33 \text{ min } 40 \text{ sec} \end{array} \end{array}$$

Elapsed Time

You left at 7:15am
and arrived back at 4:22pm

How much time is in between
counting up method
9hrs 7min

John did homework from
4:35pm until 7:48pm
3hrs 13 mins

Betsy arrives at the Gym at 7:49pm
It closes at 9pm How long can
she work out

1 hr 11min

I left on my trip at 6:33pm
I arrived at my parents house
at 9:53am
15hrs 20mins

P324-325
4-14 even
22, 24, 30