

Name _____

Elapsed Time

You can solve elapsed time problems by converting units of time.

Starting at 4:20 P.M., Connie practiced piano for 90 minutes. At what time did Connie stop practicing piano?

Convert 90 minutes to hours and minutes. Then find the end time.

Step 1 To convert minutes to hours, divide.

$$90 \div 60 \text{ is } 1 \text{ r } 30$$

$$90 \text{ min} = \underline{1} \text{ hr } \underline{30} \text{ min}$$

Step 2 Count forward by hours until you reach 1 hour.

$$4:20 \rightarrow 5:20 = 1 \text{ hour}$$

Step 3 Count forward by minutes until you reach 30 minutes.

$$5:20 \rightarrow 5:30 = 1 \text{ hour } 10 \text{ minutes}$$

$$5:30 \rightarrow 5:40 = 1 \text{ hour } 20 \text{ minutes}$$

$$5:40 \rightarrow 5:50 = 1 \text{ hour } 30 \text{ minutes}$$

Connie stops practicing piano at 5:50 P.M.

Units of Time
60 seconds (s) = 1 minute (min)
60 minutes = 1 hour (hr)
24 hours = 1 day (d)
7 days = 1 week (wk)
52 weeks = 1 year (yr)
12 months (mo) = 1 year
365 days = 1 year

Convert.

1. 480 min = _____ hr 2. 4 d = _____ hr 3. 125 hr = _____ d _____ hr

Find the start, elapsed, or end time.

4. Start time: 7:15 A.M.

Elapsed time: 2 hr 20 min

End time: _____

5. Start time: 6:28 A.M.

Elapsed time: _____

End time: 10:08 A.M.

6. Start time: _____

Elapsed time: 5 hr 50 min

End time: 7:55 P.M.

7. Start time: 5:24 P.M.

Elapsed time: 6 hr

End time: _____