



Elapsed Time



How much has elapsed, or passed from 1:15 p.m. to 5:28 p.m.?

$$\begin{array}{r}
 1:15 \text{ to } 2:00 = 45 \text{ minutes} \qquad 45 \\
 2:00 \text{ to } 5:00 = 3 \text{ hours or } 180 \text{ minutes} \qquad 180 \\
 5:00 \text{ to } 5:28 = 28 \text{ minutes} \qquad + 28 \\
 \hline
 253 \longrightarrow 253 \text{ minutes} = 4 \text{ hours, } 13 \text{ minutes}
 \end{array}$$

Find the elapsed time. If the sum is more than 60 minutes, write the time two ways.

1. 7:10 a.m. to 8:15 a.m.

$$\begin{array}{r}
 50 \\
 +15 \\
 \hline
 65 \text{ minutes} \\
 \text{or } 1 \text{ hour, } 5 \text{ minutes}
 \end{array}$$

2. 9:10 p.m. to 11:01 p.m.

$$\begin{array}{r}
 50 \\
 60 \\
 + 1 \\
 \hline
 111 \text{ minutes} \\
 \text{or } 1 \text{ hour, } 51 \text{ minutes}
 \end{array}$$

3. 2:40 p.m. to 4:18 p.m.

$$\begin{array}{r}
 20 \\
 60 \\
 +18 \\
 \hline
 98 \text{ minutes} \\
 \text{or } 1 \text{ hour, } 38 \text{ minutes}
 \end{array}$$

4. 12:05 a.m. to 1:52 a.m.

$$\begin{array}{r}
 55 \\
 +52 \\
 \hline
 107 \text{ minutes} \\
 \text{or } 1 \text{ hour, } 47 \text{ minutes}
 \end{array}$$

5. 6:56 a.m. to 9:44 a.m.

$$\begin{array}{r}
 4 \\
 120 \\
 + 44 \\
 \hline
 168 \text{ minutes} \\
 \text{or } 2 \text{ hour, } 48 \text{ minutes}
 \end{array}$$

6. 8:36 p.m. to 11:24 p.m.

$$\begin{array}{r}
 24 \\
 120 \\
 + 24 \\
 \hline
 168 \text{ minutes} \\
 \text{or } 2 \text{ hour, } 48 \text{ minutes}
 \end{array}$$

7. 11:11 a.m. to 12:57 p.m.

$$\begin{array}{r}
 49 \\
 +57 \\
 \hline
 106 \text{ minutes} \\
 \text{or } 1 \text{ hour, } 46 \text{ minutes}
 \end{array}$$

8. 5:24 a.m. to 8:19 a.m.

$$\begin{array}{r}
 36 \\
 120 \\
 + 19 \\
 \hline
 175 \text{ minutes} \\
 \text{or } 2 \text{ hour, } 55 \text{ minutes}
 \end{array}$$

9. 4:08 a.m. to 7:49 a.m.

$$\begin{array}{r}
 52 \\
 120 \\
 + 49 \\
 \hline
 221 \text{ minutes} \\
 \text{or } 3 \text{ hour, } 41 \text{ minutes}
 \end{array}$$

10. 10:17 p.m. to 1:59 a.m.

$$\begin{array}{r}
 43 \\
 +120 \\
 \hline
 59 \\
 222 \text{ minutes} \\
 \text{or } 3 \text{ hour, } 42 \text{ minutes}
 \end{array}$$