## Time

You can add or subtract units of time to find the elapsed time for an event, or to find the start or end of a period of elapsed time.

The movie started at 7:20 p.m. The theater showed 12 minutes of previews for upcoming movies and then began the main feature. The movie ended at 9:16 p.м. How long was the main feature?
Step 1: Add the time of the ads to the start time to find when the main feature started. Write the times in hours ( h ) and minutes (min).
Start time: $\quad 7 \mathrm{~h} 20 \mathrm{~min}$
Time of ads

$$
+\frac{12 \mathrm{~min}}{7 \mathrm{~h} 32 \mathrm{~min}}
$$

The main feature began at 7:32 P.M.
Step 2: Subtract the time the movie started from the time it ended.
End time: $\quad 9 \mathrm{~h} 16 \mathrm{~min}$

Start time: - 7 h 32 min


The movie was 1 hour 44 minutes long.

Find each elapsed time.

> 1. Start: 2:17 Р.м.
> End: 7:28 Р.м.

Find each start or end time.
4. Start: 4:13 p.м.
Elapsed: 3 h 12 min
5. Start: 3:44 p.м.
Elapsed: 8 h 2 min
6. End: 12:03 A.m.
Elapsed: 5 h 52 min
7. Kari ran some errands for her mother. She left the house at 9:38 A.M. and returned at 11:14 A.m. How long did it take Kari to run the errands?
8. Gregg works the second shift at the factory. He reports to work at 2:45 P.m. and leaves at 11:00 p.m. During his shift he takes two 20-minute coffee breaks and one $\frac{1}{2}$ hour lunch break. How long does Gregg spend actually working?
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