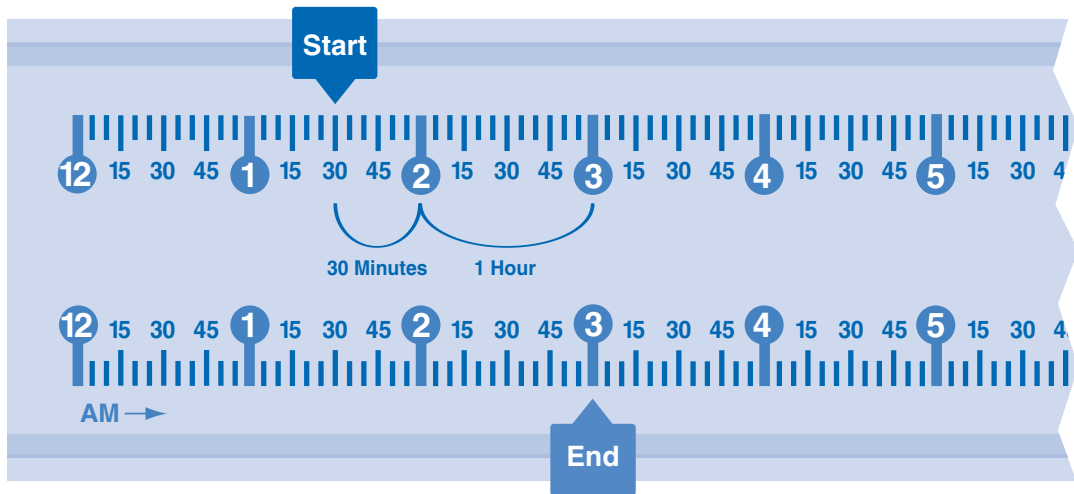


Example 1:

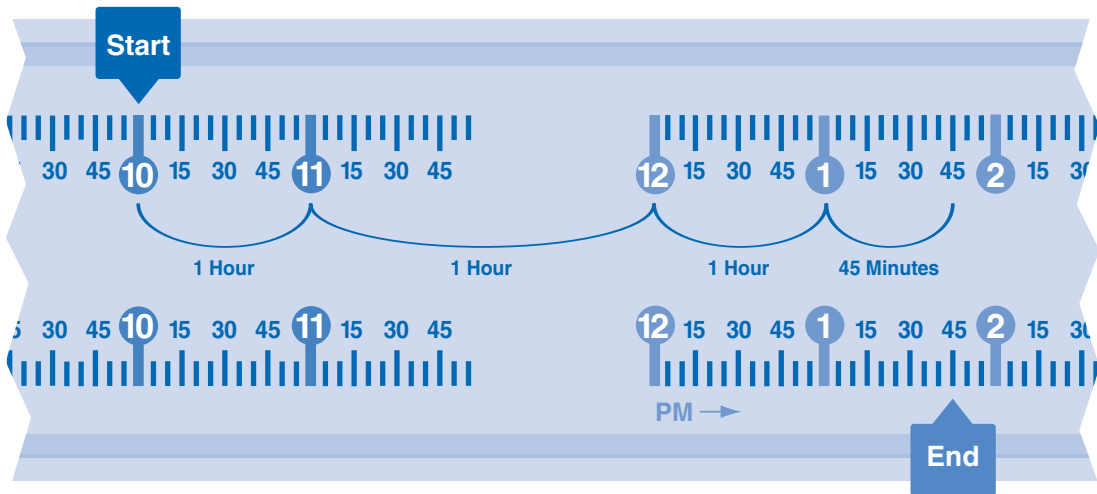
Determine the elapsed time: the start time is 1:30 A.M. and the end time is 3:00 A.M.



Answer: 1 hour and 30 minutes.

Example 2:

What is the elapsed time if you start at 10:00 A.M. and end at 1:45 P.M.?



Answer: 3 hours and 45 minutes



Elapsed Time Line

Activity Guide



 **WARNING:**
CHOKING HAZARD - Small parts.
Not for children under 3 years.

LER 2980



The Elapsed Time Line is a manipulative created to help calculate elapsed time. The time line represents one whole day in a linear format. The linear form of time makes it easier for students to count between the hours and minutes to find the elapsed time. The time line includes hours and minutes in five minute intervals. The A.M. and P.M. hours are color coded. The A.M. hours are red and are on the left side of the time line. The P.M. hours are green and are on the right side of the time line. The color-coding helps students visually see the difference in the A.M. and P.M. times.

The Elapsed Time Line includes two sliding arrows, one to mark the start time (blue) and one to mark the end time (red). The start time arrow is located on the top of the time line. The end time arrow is located on the bottom of the time line. The arrows can indicate any start time or end time in a 24 hour time period.

The hinge in the middle of the time line allows it to be folded for easy storage in a desk or drawer. (Caution: Do not force the time line to close, this may cause it to break. It should fold easily.) The hinge in the middle also divides the A.M. and P.M. hours.

Notes:

1. 12:00 P.M. is located on the right side of the hinge. This is when the P.M. hours begin.
2. The time increments on the time line are in five minute intervals; therefore the latest time is 11:55 P.M. Please make sure students are made aware of this to avoid confusion.

3. Minutes are marked in between the hours both on the top and bottom time lines. The top and bottom times should be treated as the same time while calculating the elapsed time. This format allows the Elapsed Time Line to be read easily.

How to use:

1. Set the start time at the top of the time line using the start time arrow. Make sure you use the correct A.M. or P.M. time.
2. Set the end time at the bottom of the time line using the end time arrow. Make sure you use the correct A.M. or P.M. time.
3. Count the hours and minutes between the two arrows. This is the elapsed time.
4. If desired, students may slide the start arrow to the end arrow while counting the hours and minutes to the end time.
5. A dry-erase marker could be used to count the elapsed time.

The examples on the back illustrate how the Elapsed Time Line is used.

Check out Learning Resources®
for additional elapsed time products:

- LER 2978 Race Around the Clock™ – An Elapsed Time Game
- LER 2982 Elapsed Time Pocket Chart
- LER 2992 Elapsed Time Clock



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