**Elapsed Time~~Beginning Time ~~ Ending Time~~ Using Military Time**

**Elapsed Time Example**: The class started washing cars at 7:30 AM. They finished at 11:45 AM. How much time did the class spend washing cars?

**To find the elapsed time, follow the steps below.**

End Time **–** Start Time = Elapsed Time

Write the times out as hours and minutes. This will be helpful when borrowing minutes from hours that some of the problems require.

11:45 AM - 7:30 AM = ?

 11 hrs 45 min

**–**  7 hrs 30 min\_\_\_\_\_

 **4 hrs 15 min**

The class spent 4 hours and 15 minutes washing cars.

**Beginning Time Example:** The boys finished cutting grass at 4:25 PM. It took the boys 2 hours and 30 minutes to cut the grass. What time did the boys start cutting grass?

**To find the starting time, follow the steps below.**

End Time - Elapsed Time = Start Time

When you don’t have enough minutes on top, then you have to borrow/subtract 1 hour from the hours and turn it into 60 minutes. Then you add the 60 minutes to the minutes that are already there.

It is just like regrouping with subtraction, but instead on ones and tens you are working with hours and minutes.

4: 25 PM - 2 hrs 30 min = ?

 **3 hrs 85 min**

 4 hrs 25 min

**–**  2 hrs 30 min

 **1 hr 55 min (Change to time with a colon)** **1:55 PM**

The boys started cutting grass at 1:55 PM.

**Ending Time Example:**

The ball game started at 4:55 PM. The team played ball for 1 hour and 40 minutes. What time did the game end?

**To find the ending time, follow the steps below.**

Start Time + Elapsed Time = End Time

 4:55 PM + 1 hour 40 minutes = ?

 4 hrs 55 min

When you have more than 59 minutes you can turn those minutes into an hour. Subtract 60 minutes from the total minutes and add one hour to the hours.

+ 1 hr 40 min\_\_\_

 5 hrs 95 min

**+ 1 hr - 60 min**

 **6 hrs 35 min**

**(Change to time with a colon) 6:35**

The ballgame ended at **6:35 PM.**

**Elapsed Time Using Military Time Example: (From AM to PM)**

The girls arrived at the fair at 10:20 AM. They left the fair at 4:40 PM. How long did the girls stay at the fair?

End Time( + 12 hours) – Start Time = Elapsed Time

4:40 PM + 12 hours - 10:20 AM = ?

 4 hrs 40 min (End Time)

When going from AM to PM (1:00 or after), you must add 12 hours to the PM time.

+ 12 hrs 00 min\_\_

 **14 hrs 40 min (Military Time)**

**-** 10 hrs 20 min\_\_\_ (Start Time)

 4 hrs 20 min Elapsed Time

The girls stayed at the fair for **4 hours and 20 minutes**.