

Name _____

Date _____

Elapsed Time- Guided Lesson Explanation

Explanation#1

The starting time of class is 10:25 A.M.

The current time is quarter past 10:00 A.M., in other words it is 10:15 A.M.

(Note: A quarter on a clock = 15 minutes)

Time Difference = Start time – Current time

$$= 10:25 - 10:15 = 0:10$$

So, the answer is 10 minutes.

Explanation#2

I find a good way to handle problems that shift between AM and PM is to add or subtract to get to noon or midnight and then add or subtract the remaining time. I'll outline this for you and then perform the calculations.

Step 1) Find the amount of time needed to get to midnight:

The difference between 11 PM and 12 AM = 1 hour

Step 2) Difference between midnight and our current time:

The difference between 12 AM and 7:15 AM = 7 hours 15 minutes.

Step 3) Add all time to find the total time difference:

1 hour + 7 hours and 15 minutes = 8 hours and 15 minutes

Explanation#3

We need to find the difference between 10:45 PM and 5:30 PM.

Step 1) Find the difference in hours:

$$10 - 5 = 5 \text{ hours}$$

Step 2) Find the difference in minutes:

$$45 - 30 = 15 \text{ minutes}$$

The total time difference = 5 hours and 15 minutes.

