

Time Word Problems - Guided Lesson Explanation**Explanation#1**

The match was started at 12:20 a.m. and finished at 6:40 a.m.

First thing to consider is that noon and midnight can be considered the "zero hours" because they are the start of every 12 hour span.

Subtract the hours first: $6 - 0 = 6$

Subtract the minutes: $40 - 20 = 20$

So, it took 6 hrs and 20 min.

Explanation#2

She started cooking at 8:30 p.m. and finished at 10:10 p.m.

Subtract the hours first: $10 - 8 = 2$

Subtract the minutes: $10 - 30 =$ Negative Time?

We need to restate the problem and borrow for the hours column.

Subtract the hours first: $10 - 8 = 2 - 1$

Subtract the minutes: $70 - 30 = 40$ We add 60 minutes to our 10.

So, she took 1 hr and 40 min.

Explanation#3

They switch on the television at 11:30 a.m. and switch off at 6:50 p.m.

This is a tricky one because we are going between a.m. and p.m.

Subtract the hours first: 6 p.m. - 11 a.m.

The best thing to do is get the a.m. time to the zero hour (noon) by adding 1 hour to each number:

Subtract the hours can be restated as: $7 - 0 = 7$

Subtract the minutes: $50 - 30 = 20$

So, they watch television for 7 hrs and 20 min.

