Name: ....   Class: ....

Elapsed time word problems (start and end times)

a. Yesterday, it started raining as early as 5:00 a.m. If it stopped raining at 10:00 p.m, how long did it rain?

b. Last month, Owen visited the new shopping mall in his town. He got to the mall at 3:00 p.m. He visited three shoe shops, a clothing store, a department store, and had lunch at a restaurant in the mall. He left the mall at 10:00 p.m. How long was he at the mall?

c. Ethel got to work at 7:00 A.M. She left at 4:00 P.M. How long was she at work?

d. Emily has a dentist appointment at 6:00 A.M. If she finishes with the dentist at 8:00 A.M., How long was she at the dentist's office?

e. Today, 2nd – grade class is going to an aquarium for a field trip. If they are supposed to arrive at 11:00 A.M. and leave at 3:00 P.M., how long will they spend there?

f. Dalinton and his father went to their orchard at 7:00 A.M . and started picking apples. If they finish picking the quantity of apples they need at noon. How long did they spend there?

g. Frida and her friends started a cooking marathon at 2:00 P.M. If they finished it at 1:00 A.M., how long did the cooking marathon last?

h. At school, Brice went to a baking class. The class started at 11:00 A.M. and ended at noon. How long was the class?

mathskills4kids

Name: .... Class: ....
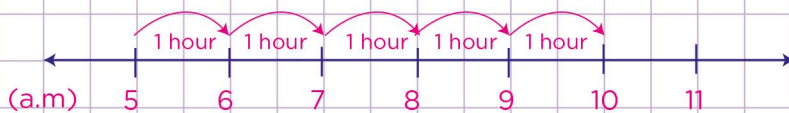
Elapsed time word problems (start and end times)

a. Yesterday, it started raining as early as 5:00 a.m. If it stopped raining at 10:00 p.m, how long did it rain?

Start time = 5:00 a.m.
End time = 10:00.
Therefore, to find the elapsed time, let's count by hours from 5:00 a.m to 10:00 p.m.
Using a time number line.

```
         1 hour  1 hour  1 hour  1 hour  1 hour
(a.m)   5      6      7      8      9     10     11
```

So, it rained for 5 hours.

b. Last month, Owen visited the new shopping mall in his town. He got to the mall at 3:00 p.m. He visited three shoe shops, a clothing store, a department store, and had lunch at a restaurant in the mall. He left the mall at 10:00 p.m. How long was he at the mall?

Start time = 3:00 p.m.
End time = 10:00 p.m.
Therefore, to find the elapsed time, let's count by hours from 3:00 p.m. to 10:00 p.m.
using a time number line.

```
         1 hour  1 hour  1 hour  1 hour  1 hour  1 hour  1 hour
(p.m)   3      4      5      6      7      8      9     10     11
```

So, he was at the mall for 7 hours.