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

Find start and end times: multi-step word problems

a. Yesterday, Mr. Charles visited his ranch at about 10:00 AM. He spent 2 hours and 45 minutes giving instructions to the workers in the ranch and 1 hour inspecting the ranch. He took 3 hours and 15 minutes to get back to his house. What time was it when Mr. Charles got home?

b. Yesterday, Anita's mother sent her on an errand on her way to school. She took 30 minutes to run the errand, 20 minutes to walk back to the school bus stop and 15 minutes in a ride to school. Anita got to school at 7:55 AM. What time did Anita leave the house?

mathskills4kids

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

Find start and end times: multi-step word problems

a. Yesterday, Mr. Charles visited his ranch at about 10:00 AM. He spent 2 hours and 45 minutes giving instructions to the workers in the ranch and 1 hour inspecting the ranch. He took 3 hours and 15 minutes to get back to his house. What time was it when Mr. Charles got home?

Let's first of all, add up all the times to find the total elasped time.

2 hours 45 minutes + 1 hour + 3 hours 15 minutes = 6 hours 60 minutes.

But 60 minutes = 1 hour,

So, 6 hours 60 minutes = 7 hours.

Now, let's find 7 hours after 10:00 AM to find the time Mr. Charles got home.

If we count 7 hours after 10:00 AM, we'll end at 5:00 PM.

Therefore, Mr. Charles got home at 5:00 PM.

b. Yesterday, Anita's mother sent her on an errand on her way to school. She took 30 minutes to run the errand, 20 minutes to walk back to the school bus stop and 15 minutes in a ride to school. Anita got to school at 7:55 AM. What time did Anita leave the house?

Let's first of all, add up all the times to find the total elasped time.

30 minutes + 20 minutes + 15 minutes = 65 minutes

But 65 minutes = 1 hour 5 minutes.

Now, let's substract 1 hour 5 minutes from 7:55 AM to get the time Anita left the house.

$$
\begin{array}{r}
7:55\ \text{AM} \\
-\quad 1:05 \\
\hline
6:50\ \text{AM}
\end{array}
$$

So, Anita left the house at 6:50 AM.