Time word problems

Ben is going to his grandparents' farm with his siblings, Carl, and Judy.

1. Today, Ben woke up 90 minutes earlier than usual. He usually wakes up at 7:30 in the morning. What time did he wake up today?

2. Ben started to prepare their breakfast as soon as he woke up. They ate their breakfast ten minutes before 7:00 in the morning. How many minutes did he take to prepare their breakfast?

3. They left home at 7:48 in the morning and arrived at the farm at eight minutes past eight. How many minutes did it take them to get to the farm?

4. They went to the barn to get their tools right after arriving at the farm. After 12 minutes, they started work, plowing the soil. What time did they start plowing the soil?

5. They took their lunch break at 11:20 in the morning. How many hours did they work before their lunch?

6. Carl took 1 hour to plant seedlings in the first row. How many minutes will he take to plant 3 rows of seedlings?

Answers

1.   90 minutes is 1 ½ hours. Ben woke up at 6 o'clock in the morning.

2.   Ten minutes before 7:00 is 6:50. So, it took him 50 minutes to prepare their breakfast.

3.   It took them 20 minutes to arrive at the farm from home. It is 12 minutes from 7:48 to 8:00 and 8 minutes after 8:00 (12 + 8 = 20).

4.   They started to work plowing at 8:20 in the morning.

5.   They worked for 3 hours before their lunch break.

6.   60 x 3 = 180
     It will take him 180 minutes to plant 3 rows of seedlings.