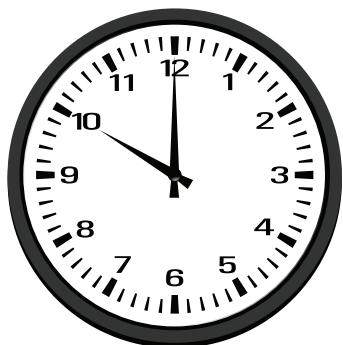# Solving Time Problems Between Hours with Number Lines
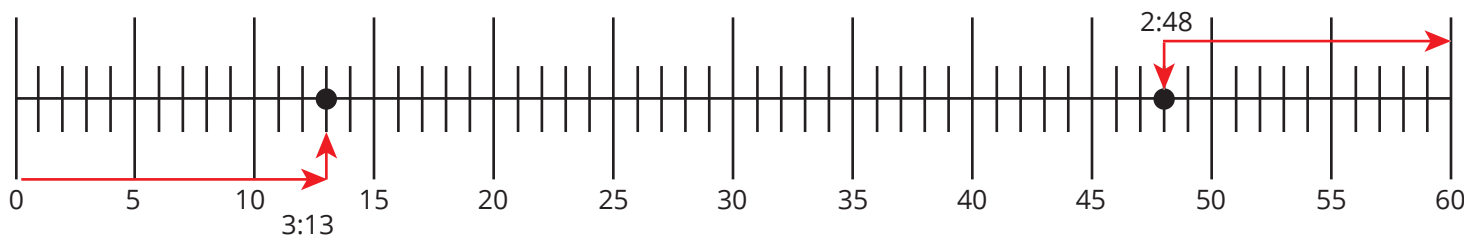
Name:_____     Date:_____

When you look at an analog clock, you can see the measuring lines around the circle as a circular number line:

- Clock increments can be made straight into a number line tool to help solve time problems for periods within an hour.

- If time goes past the total number of minutes in an hour (60), loop back around and time continues into the next hour!

**For example:**
If it's 2:48 and you planned to have a snack in 25 minutes, what time would you eat?

Move forward 25 minutes from 2:48 to loop around and arrive the next hour at 3:13!



**Step 1)** Locate 48 on the number line as the starting point.
**Step 2)** Adding from 2:48 to 3:00 is 12 minutes, but snack is in 25 minutes. Add 13 more minutes. (12 minutes + 13 minutes = 25 minutes) and you arrive at 3:13!

**Directions: Use the number line to solve the following exercises.**

1. Corey leaves for her pilates class at 2:25. If she has a 45 minute drive ahead of her, what time will Corey arrive?_____

Name:_____        Date:_____
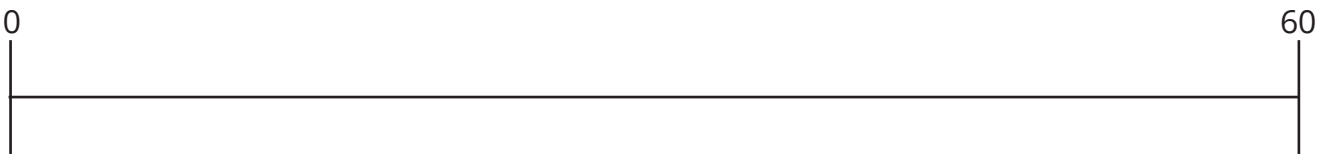
2. It takes Burke 38 minutes to ride his road bike to work. If he leaves at 3:55, what time would he arrive?_____

0                                                                                                          60

3. Eli's batting practice begins at 3:45 and he leaves his house 50 minutes earlier to begin on time. What time does Eli leave home for practice?_____

0                                                                                                          60

4. Hazel starts her science homework at 2:05 each day, but stops to check her email after 45 minutes. If she begins her homework 30 minutes earlier than normal, what time will Hazel check her email?_____

0                                                                                                          60

**Think About It:**
When measuring time, when is part of a whole not a part of a whole?

_____

_____