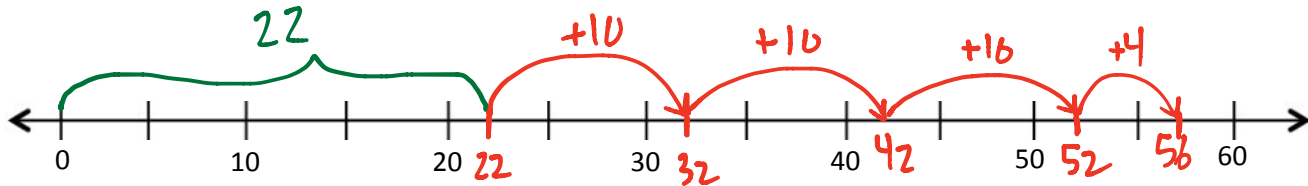Name _____   Date _____

1. Abby spent 22 minutes doing her science project yesterday and 34 minutes doing it today. How many minutes does Abby spend working on her science project altogether? Model the problem on the number line and write an equation to solve.
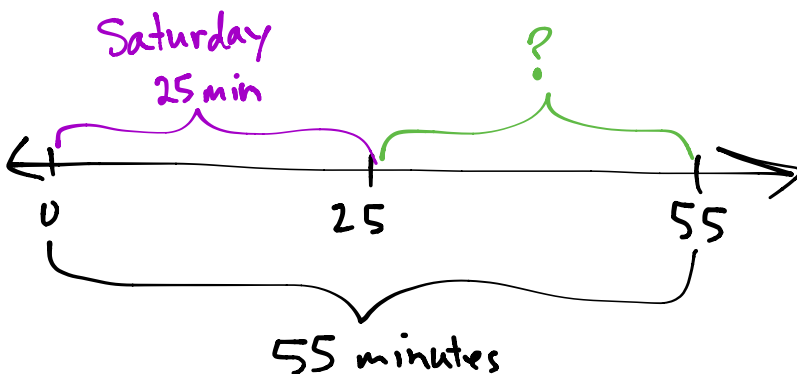

$$22 + 34 = 56$$

Abby spends _____56_____ minutes.

2. Susanna spends a total of 47 minutes working on her project. How many more minutes than Susanna does Abby spend working? Draw a number line to model the problem and write an equation to solve.
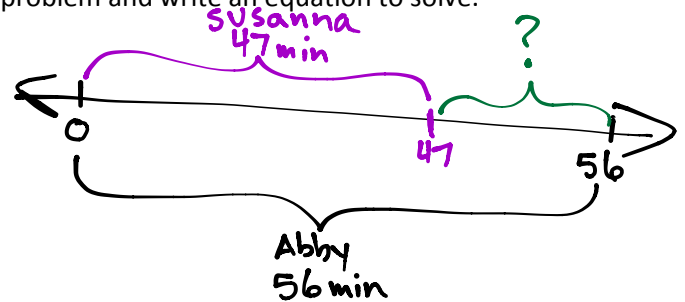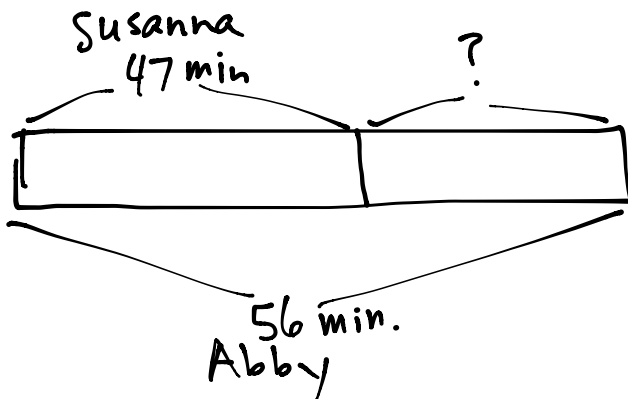

$$56 - 47 = 9 \text{ minutes}$$

3. Peter practices violin for a total of 55 minutes over the weekend. He practices 25 minutes on Saturday. How many minutes does he practice on Sunday?

$$55 - 25 = 30$$

30 minutes on Sunday

COMMON CORE

Lesson 5:   Solve word problems involving time intervals within 1 hour by adding and subtracting on the number line.

**Date:**   7/4/13

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4. a. Marcus gardens. He pulls weeds for 18 minutes, waters for 13 minutes, and plants for 16 minutes. How many total minutes does he spend gardening?

18   13   16
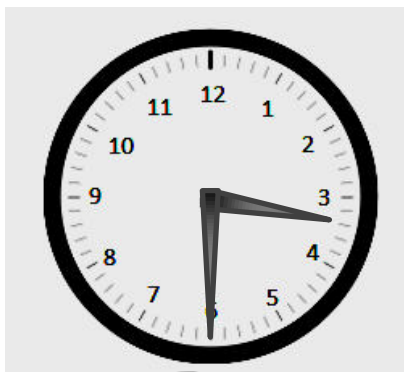
? total

18
13
+ 16
47
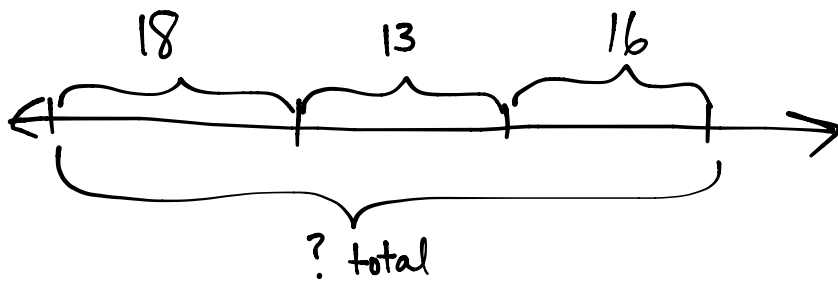
47 minutes

4. b. Marcus wants to watch a movie that starts at 2:55 p.m. It takes 10 minutes to drive to the theater. If Marcus starts the yard work at 2:00 p.m., can he make it on time for the movie? Explain your reasoning.

+47
Gardening
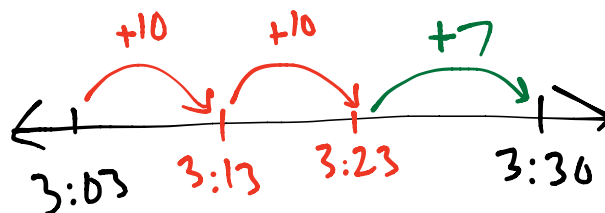
+10
driving

2:00   2:47   2:55 2:57
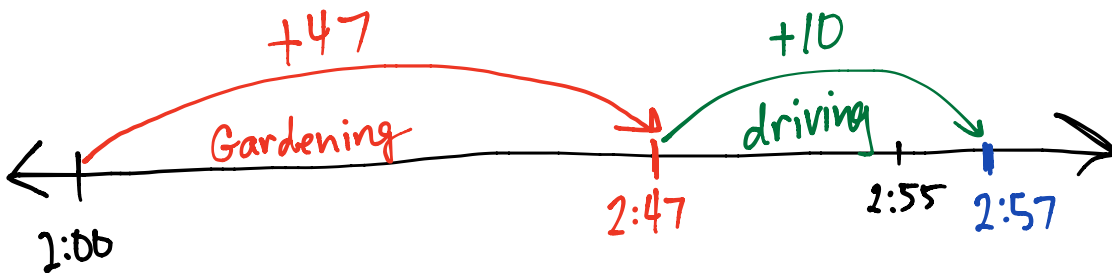
Marcus will be 2 minutes late.

5. Arelli takes a short nap after school. As she falls asleep the clock reads 3:03 p.m. She wakes up at the time shown below. How long is Arelli's nap?

3:30

+10   +10   +7

3:03   3:13   3:23   3:30

27 minute nap

Lesson 5: Solve word problems involving time intervals within 1 hour by adding and subtracting on the number line.

Date: 7/4/13

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