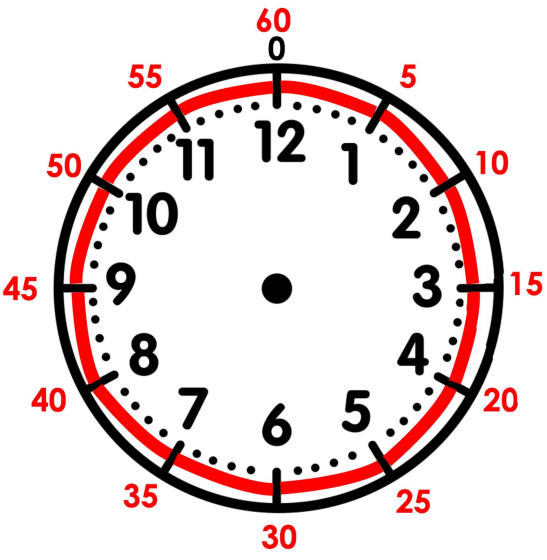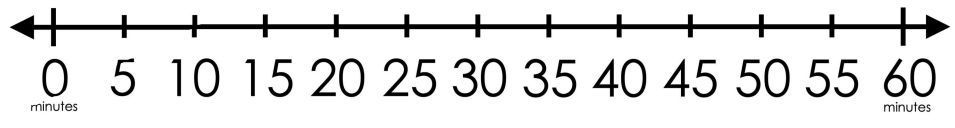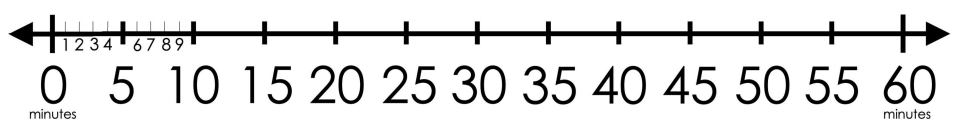# INTRODUCTION TO NUMBER LINES

WATCH ME FIRST!

A clock is like a number line except the line curves around the clock.
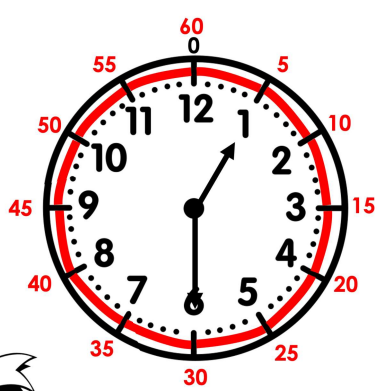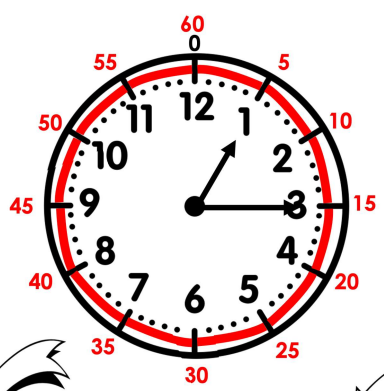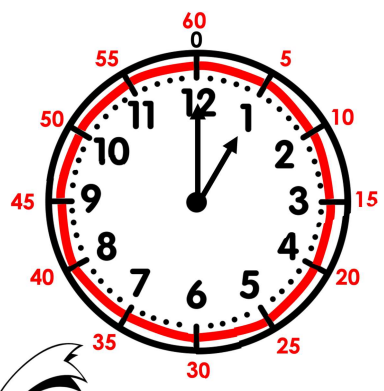
Number line with 5-minute intervals like a clock.

Just like a clock, there are numbers between each segment.

Just like a clock, a number line can be used to show different times.
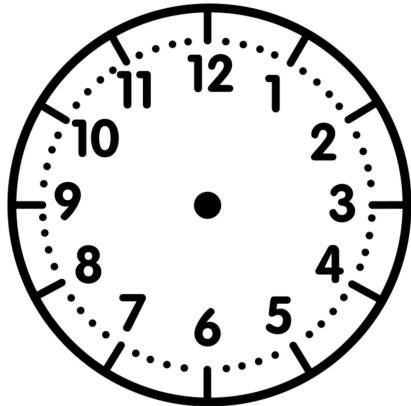
1:00   1:15   1:30

0   5   10 15 20 25 30 35 40 45 50 55 60
minutes   minutes
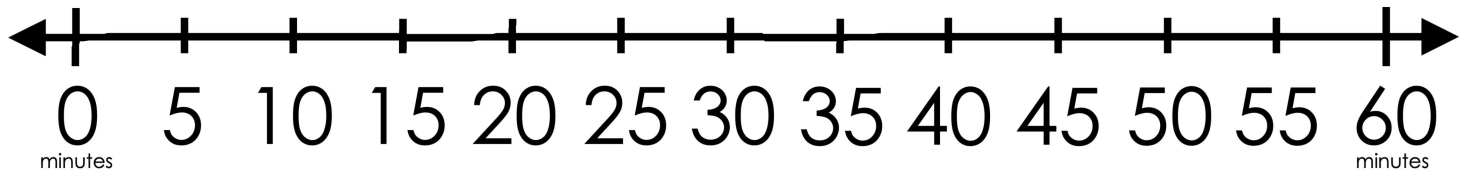
LET'S WORK TOGETHER!

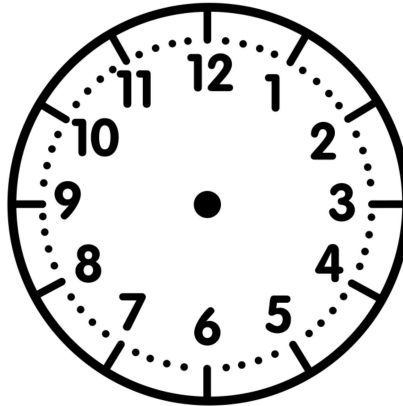| Problem 1a	Problem 1b	Problem 1c

Problem 1a

Carlos arrived at the amusement park at 3:00. Draw the clock hands to show the time. Plot the time on the number line below.
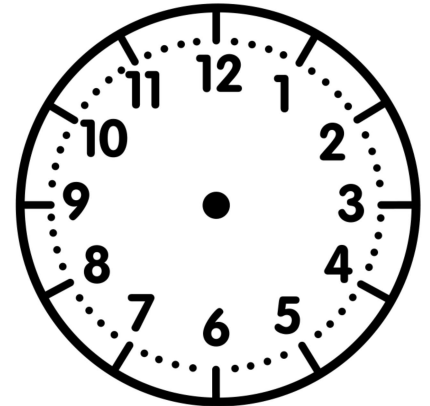
Problem 1b

At 3:20 Carlos rode on a roller coaster. Draw the clock hands to show the time. Plot the time on the number line below.
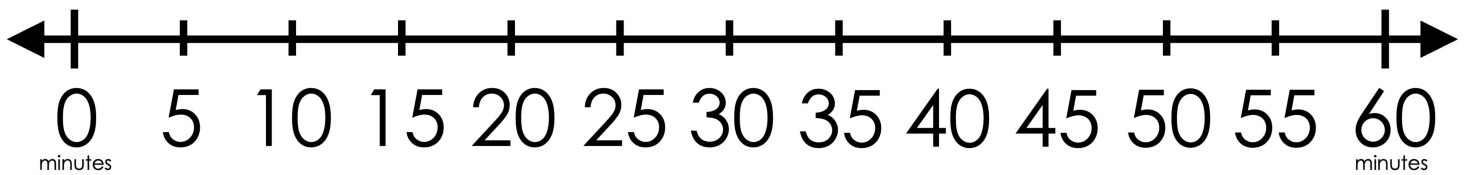
Problem 1c

At 3:40 Carlos bought a funnel cake. Draw the clock hands to show the time. Plot the time on the number line below.

Directions: Use the number line below to plot the times in the problems 1a, 1b, and c.

0 5 10 15 20 25 30 35 40 45 50 55 60
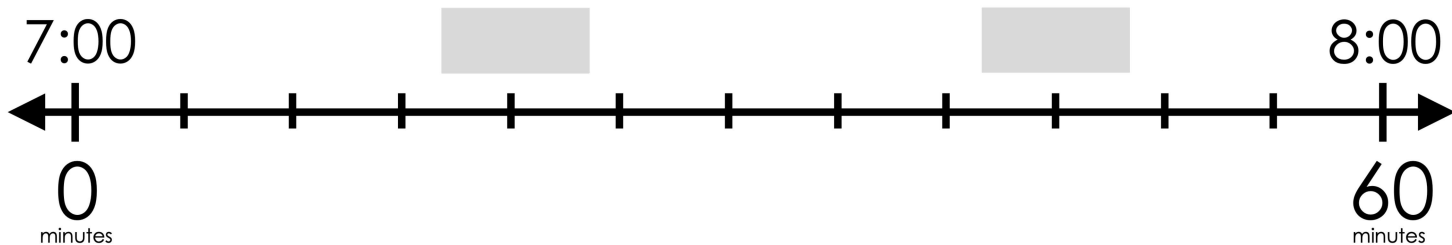minutes   minutes

2) Sheri went to the aquarium. She recorded the times she saw different exhibits on her tablet. Fill in the number line and plot each time.

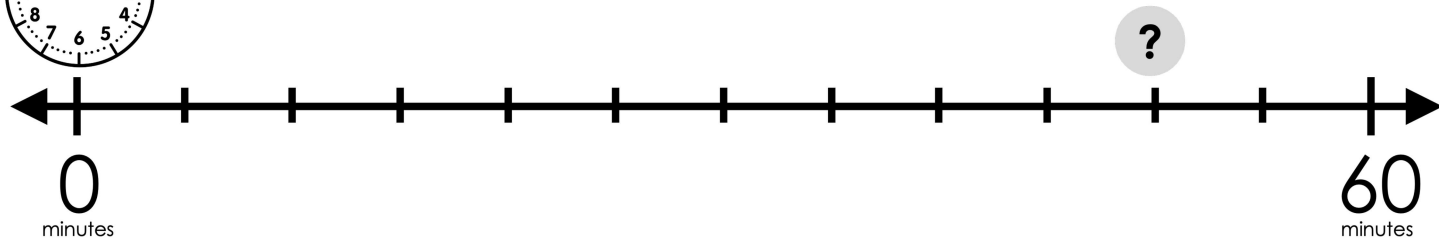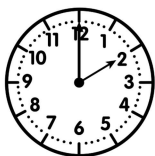9:10 – Whale Exhibit

9:35 – Saltwater Fish

9:50 – Dolphin Show

9:00

10:00

0
minutes

60
minutes
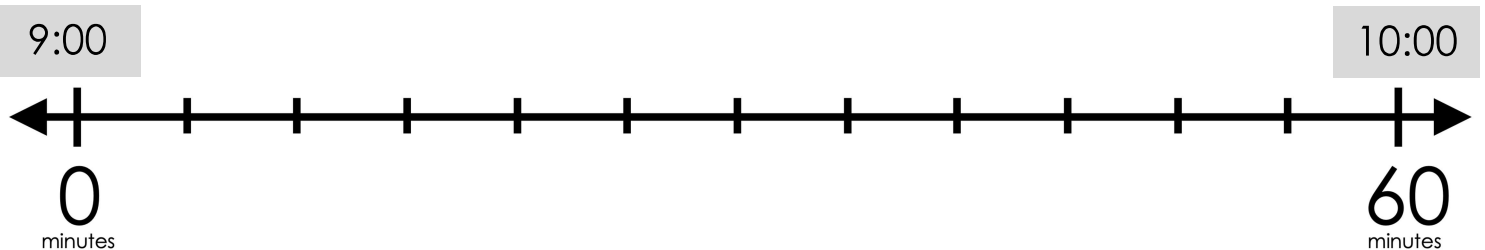
YOUR TURN!

1) Fill in the number line. Write the times in the boxes.

7:00   [ ]   [ ]   8:00

0
minutes

60
minutes

2) Vicky believes the mystery time is 2:55. Do you agree or disagree? Explain.
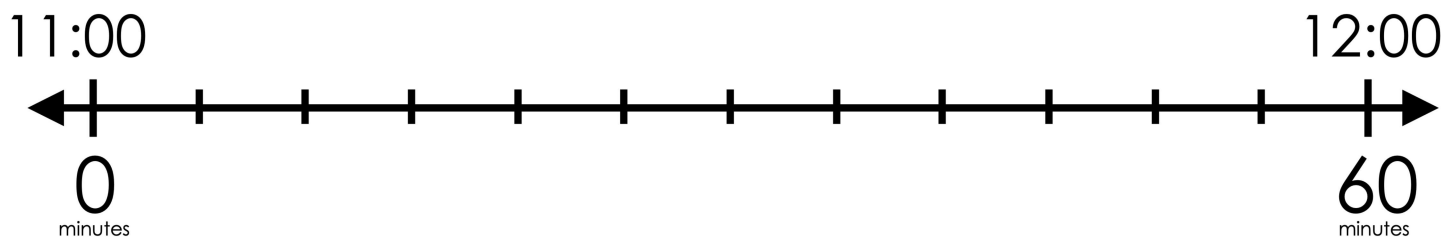
0
minutes

?

60
minutes

_____

_____

3) Chloe went to the zoo. She saw different animals and recorded the times below. Fill in the number line and plot the times.

Zoo Agenda
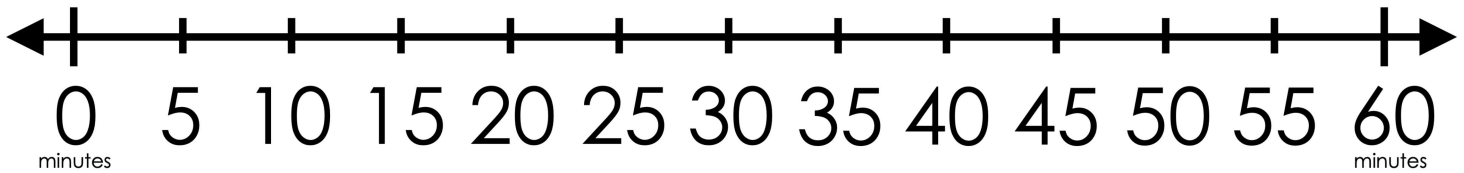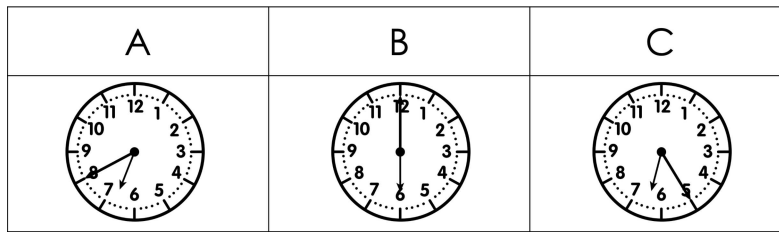Snakes ….. 11:05
Elephants ….. 11:15
Alligators ….. 11:30
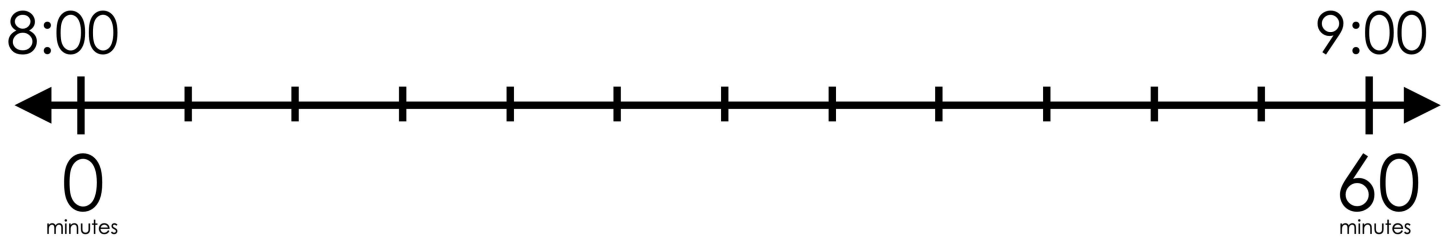Lions ….. 11:45

11:00   12:00

0
minutes

60
minutes

YOUR TURN!

4) Each clock is assigned a letter. Plot the time and the matching letters on the number line.

A	B	C

0 5 10 15 20 25 30 35 40 45 50 55 60
minutes   minutes

5) Greg went to the park at 8:30. Draw clock hands and plot the time on the number line.

8:00   9:00

0   60
minutes   minutes
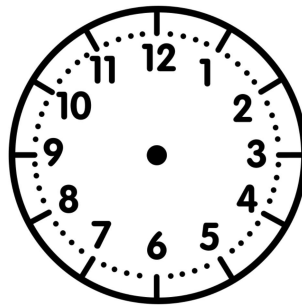
6) Sam believes the mystery time is 4:15. Do you agree or disagree? Explain.

?

0   60
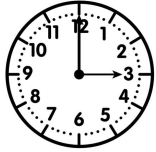minutes   minutes

_____

_____
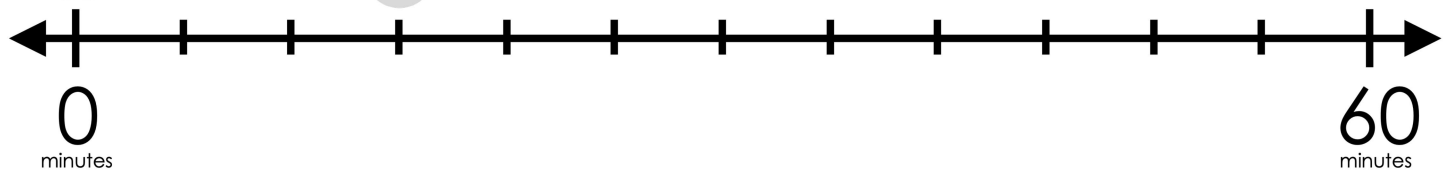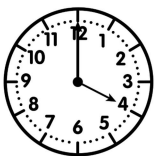
MYSTERY FACTS

Name: _____   Date: _____

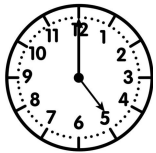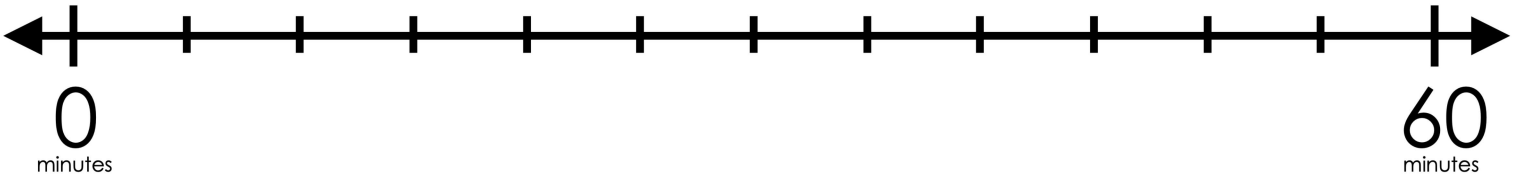DIRECTIONS: Plot times on each number line. Use the word at different points to complete each mystery fact.
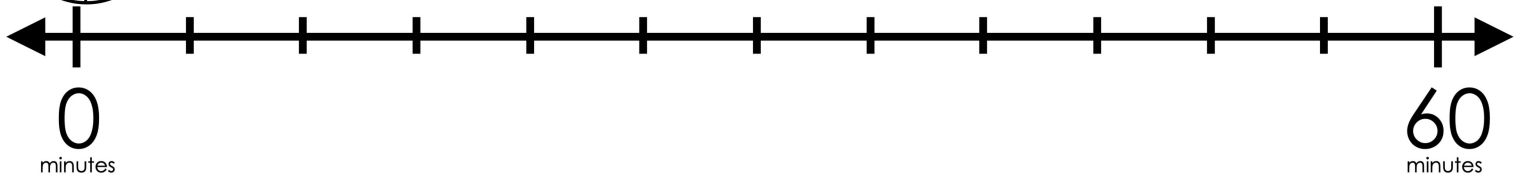
eat   lions   stick   horses
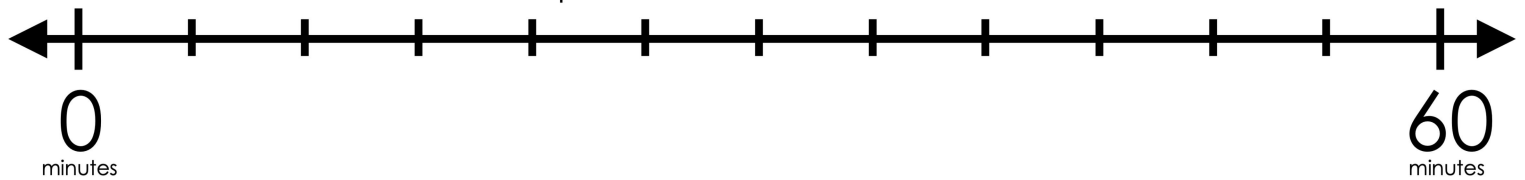
0 minutes   60 minutes

tiger   tongue   cows

0 minutes   60 minutes

sleep   meat   crocodile

0 minutes   60 minutes

Mystery Fact #1

A _____ can't _____ its _____ out!
   (11:50)   (3:45)   (5:30)

Mystery Fact #2

_____ and _____ _____ while standing up!
  (5:55)   (4:00)   (11:20)