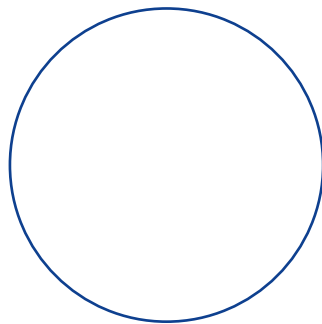## Computing Time and Creating a Schedule

The crew on board the USS *Constitution* started the day at noon. They worked in 4 hour shifts, called "watches." A member of the crew rang the ship's bell every half hour to signal the passing of time. Because there were no clocks on board, a half-hour glass was used. Each half hour that passed was recognized by adding on another ring of the bell. At 12:30 p.m. there would be one bell and at 1:00 p.m. there would be two bells.

1. Draw an analog clock showing the start of the day for the crew aboard the USS *Constitution* and write the time beside the clock. (Remember to include p.m. or a.m.)
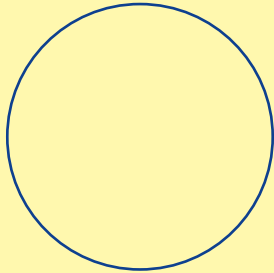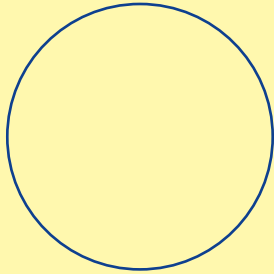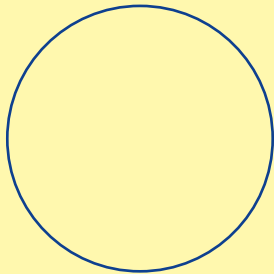
_____

2. Complete the table below by writing the time and the number of bells that would ring each half hour for the first four hour watch of the day on the USS *Constitution*.

NOON TO 4:00 WATCH								
Time								
Number of bells								

How much time has elapsed in minutes? _____

How much time has elapsed in hours? _____

NAME ....

3

ACTIVITY

3. Pretend that you are a member of the crew on the USS *Constitution*. Your first watch of the day starts at 1:45 p.m. and ends at 3:15 p.m. The bell rings every half hour. Complete the table below by writing each time the bell rings and drawing the correct time on the clock face.

Time	Clock Face
2:15 p.m.	
_____	
_____	

How long is your first watch of the day in minutes? _____

How many minutes longer is the USS Constitution's first watch of the day than yours?

_____