**Robo Clock Pre-Assessment**

1. A quarter past 12 PM is \_\_\_\_\_\_\_\_\_\_\_\_\_ PM
   1. Would the minute hand on the clock move clockwise or counter-clockwise? \_\_\_\_\_\_\_\_\_\_
   2. How many degrees would the minute hand move? \_\_\_\_\_\_\_\_\_\_\_\_
2. A quarter to 12 PM is \_\_\_\_\_\_\_\_\_\_\_\_\_ AM
   1. How many degrees would the minute hand have to move from 12 PM to show the new time? In which direction? \_\_\_\_\_\_\_\_\_
3. Half past 3 PM is \_\_\_\_\_\_\_\_\_\_\_\_\_ PM
4. Half an hour to 3 PM is \_\_\_\_\_\_\_\_\_\_\_ PM
5. How many minutes are in quarter of an hour? \_\_\_\_\_\_\_\_\_\_\_\_\_
6. How many minutes in half of an hour? \_\_\_\_\_\_\_\_\_\_\_\_\_
7. How many degrees make up 12 hours of the clock? (Hint: a full circle) \_\_\_\_\_\_\_\_\_\_\_\_\_\_