

## Robo Clock Pre-Assessment



1. A quarter past 12 PM is \_\_\_\_\_ PM
  - a. Would the minute hand on the clock move clockwise or counter-clockwise?  
\_\_\_\_\_
  - b. How many degrees would the minute hand move? \_\_\_\_\_
  
2. A quarter to 12 PM is \_\_\_\_\_ AM
  - a. 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) \_\_\_\_\_