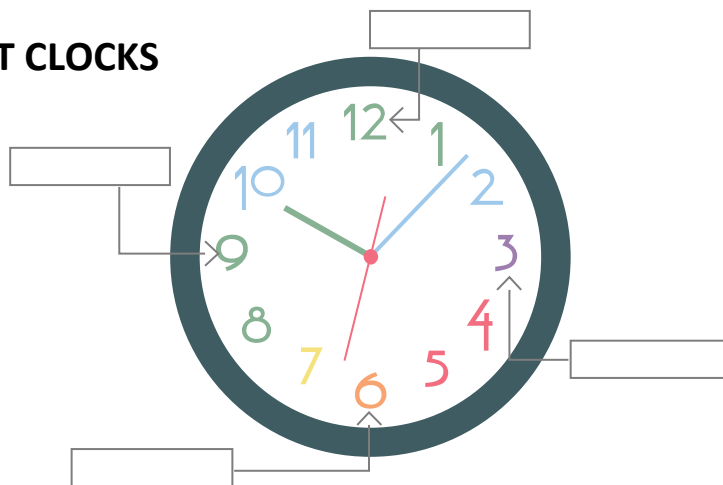


## APPOINTMENT CLOCKS



### 3:00 Appointment

Solve each of the following equations for  $0 \leq \theta < 2\pi$ .

1)  $5 - 6x = 7 - 5x$

2)  $5 - 6 \csc \theta = 7 - 5 \csc \theta$

### 6:00 Appointment

Solve each of the following equations for  $0 \leq \theta < 360^\circ$ .

3)  $2x^2 = 1$

4)  $2 \sin^2 \theta = 1$

### 9:00 Appointment

Solve each of the following equations for  $0 \leq \theta < 2\pi$ .

5)  $2x^2 + 5x = -2$

6)  $2 \cos^2 \theta + 5 \cos \theta = -2$

### 12:00 Appointment

Discuss what was similar and what was different about the problems you solved.