10D Solving Simple Trigonometric Equations

1. Solve the equation $sin\theta = 0.5$ in the interval $0 \le \theta \le 360$

2. Solve the equation $5sin\theta = -2 \text{ in the interval } 0 \leq \theta \leq 360$

3. Solve the equation $sin\theta = 2cos\theta \text{ in the interval } 0 \leq \theta \leq 360$