

$$1) \quad a = 3$$

$$b = \frac{2\pi}{3}$$

$$c = 2$$

$$2\pi a = 2\pi \quad b = \frac{2\pi}{3} \quad c = 2$$

$$2) \quad t = \pi, \frac{\pi}{3}$$

Day 2

$$4) \quad a) \quad \textcircled{\text{5}} \frac{5}{13}$$

$$b) \quad \textcircled{-12} -\frac{12}{13}$$

$$c) \quad -\frac{120}{169}$$

$$d) \quad \frac{119}{169}$$

$$5) \quad b) \quad \left(\frac{3\pi}{2}, 7\right)$$

$$6) \quad x = \frac{\pi}{4}, \quad x = \frac{\pi}{2}$$