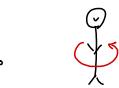
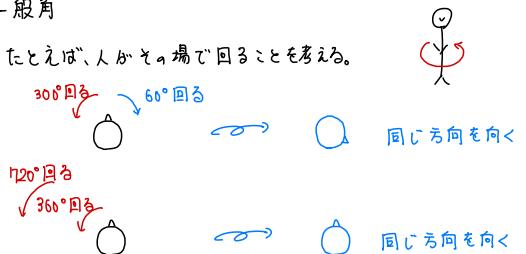


2

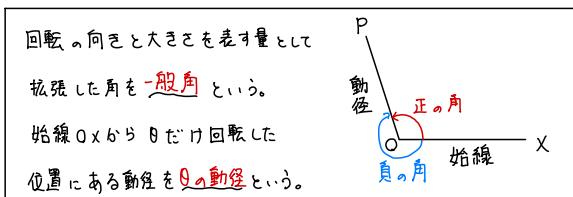
§1 三角関数

一般角

たとえば、人がその場で回ることを考える。

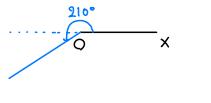


同じ方向を向く

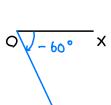


(例1) 次の角の動径を図示せよ。

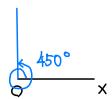
(1) 210°



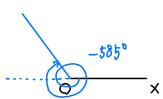
(2) -60°



(3) 450°



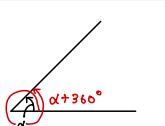
(4) -585°



すべての整数nに対して

$$\alpha + 360^\circ \times n$$

の動径は一致する。



(例2) 次の角のうち、 60° の動径と一致する角はどれか

$$240^\circ, 300^\circ, 420^\circ, 780^\circ, -300^\circ, -420^\circ$$

$$420^\circ = 60^\circ + 360^\circ$$

$$780^\circ = 60^\circ + 360^\circ \times 2$$

$$-300^\circ = 60^\circ + 360^\circ \times (-1)$$

