

3)

$$a) \operatorname{Tg} 120^\circ = -\operatorname{Tg} 60 \rightarrow -\sqrt{3}$$

$$b) \operatorname{Tg} 225^\circ = +\operatorname{Tg} 45 \rightarrow +1$$

$$c) \operatorname{Tg} 240^\circ = +\operatorname{Tg} 60 \rightarrow +\sqrt{3}$$

$$d) \operatorname{Tg} 300^\circ = -\operatorname{Tg} 60 \rightarrow -\sqrt{3}$$

$$e) \operatorname{Tg} 315^\circ = -\operatorname{Tg} 45 \rightarrow -1$$

$$f) \operatorname{Tg} 150^\circ = -\operatorname{Tg} 30 \rightarrow -\frac{\sqrt{3}}{3}$$

$$g) \operatorname{Tg} 240^\circ = +\operatorname{Tg} 60 \rightarrow +\sqrt{3}$$

4)

$$a) \operatorname{sen} 720^\circ = 0$$

$$b) \operatorname{cos} 1170^\circ = \operatorname{cos} 90^\circ = 0$$

$$c) \operatorname{Tg} 3540^\circ = \operatorname{Tg} 300^\circ = -\operatorname{Tg} 60^\circ = -\sqrt{3}$$

$$d) \operatorname{sen} 3930^\circ = \operatorname{sen} 330^\circ = -\operatorname{sen} 30^\circ = -\frac{1}{2}$$

$$e) \operatorname{cos} (-2115^\circ) = \operatorname{cos} -315^\circ = -\operatorname{cos} 45^\circ = +\frac{\sqrt{2}}{2}$$

$$f) \operatorname{Tg} (-840^\circ) = \operatorname{cos} -120^\circ = +\operatorname{cos} 60^\circ = +\frac{1}{2}$$