

$$\text{Sen } 3x + \text{Sen } 6x = 0$$

$$3x = t$$

$$\text{Sen } t + \text{Sen } 2t = 0$$

$$\text{Sen } t + 2 \text{Sen } t \text{Cos } t = 0$$

$$\text{Sen } t (1 + 2 \text{Cos } t) = 0$$

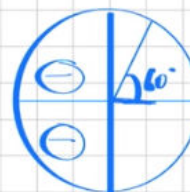
$$\downarrow$$
$$\text{Sen } t = 0 \Rightarrow t = \begin{cases} 0^\circ + 360^\circ k \\ 180^\circ + 360^\circ k \end{cases}$$

$$1 + 2 \text{Cos } t = 0 \Rightarrow \text{Cos } t = -\frac{1}{2}$$

$$\downarrow$$
$$\text{Sen } t = 0 \Rightarrow t = \begin{cases} 0^\circ + 360^\circ k \\ 180^\circ + 360^\circ k \end{cases}$$

$$\text{Sen } t = 0 \Rightarrow t = \begin{cases} 0^\circ + 360^\circ k \\ 180^\circ + 360^\circ k \end{cases}$$
$$1 + 2 \text{Cos } t = 0 \Rightarrow \text{Cos } t = -\frac{1}{2}$$

$$t = \begin{cases} 120^\circ + 360^\circ k \\ 240^\circ + 360^\circ k \end{cases}$$



$$3x = t$$

$$t = \begin{cases} 0^\circ + 360^\circ k \\ 180^\circ + 360^\circ k \end{cases}$$

$$t = \begin{cases} 120^\circ + 360^\circ k \\ 240^\circ + 360^\circ k \end{cases}$$

$$x = \begin{cases} 0^\circ + 120^\circ k \\ 60^\circ + 120^\circ k \end{cases}$$

$$x = \begin{cases} 40^\circ + 120^\circ k \\ 80^\circ + 120^\circ k \end{cases}$$