

2.6

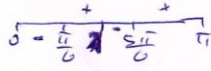
$$x^{\sin x - \frac{1}{2}} > 1 = x^0$$

$$(x=1) (\sin x - \frac{1}{2}) < 0$$

$$x=1$$

$$x = \frac{\pi}{6} + 2\pi k$$

$$x = \frac{5\pi}{6} + 2\pi k$$



$$0 < x < \frac{\pi}{6}$$

$$1 < x < \frac{5\pi}{6}$$