P2.1

a) i) $f = \frac{1}{6}$ Hz; $T = 6$ seconds

ii) $f = \frac{2}{3}$ Hz; $T = \frac{3}{2}$ seconds

iii) $f = \frac{8\pi}{3}$ Hz; $T = \frac{3}{8\pi}$ seconds
   b)

P2.2