1.解: 
$$t_{5} = 104Hz$$
 of  $\leq 104Hz$  且 Lo  $f_{5}/\Delta f$ 
 $t = \frac{1}{t_{5}} > \frac{1}{c_{5}} = 0.15$ 
 $t = \sqrt{t_{5}} > \frac{1}{c_{5}} = 1 + Hz$ 

2.解: (a)  $t = \frac{128}{40 + Hz} = 3.2 \text{ ms}$ 

(b)  $f = \int kHz$   $f_{5} = 40 + Hz$ 
 $w_{0} = \frac{2\pi f}{t_{5}} = \frac{\pi}{t_{5}}$ 
 $v_{0} = \frac{t_{5}}$ 
 $v_{0} = \frac{\pi}{t_{5}}$ 
 $v_{0} = \frac{\pi}{t_{5}}$ 
 $v_{0} = \frac$