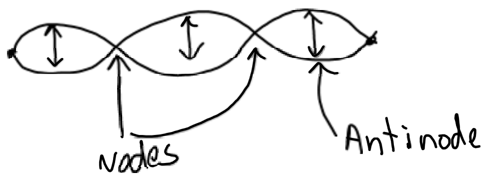
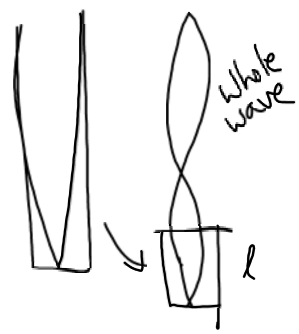
PS - March 14 Pi day

3.14159...




wavelength

$\ell \times 4 = \lambda$




$\lambda$ = ______ m

f = ______ Hz

$V = \lambda f =$

$2.5 \times .6 = 1.5$

$(d \times .6 + \ell)$

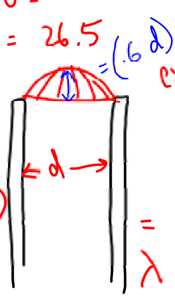
$25 + 1.5 = 26.5$

106 cm

1.06 m

1.06m(329.6)

$= 349.38 \frac{m}{s}$




example

25cm + .6 (2cm)

25 cm + 1.2cm

= 26.2 cm

$\lambda$ = 26.2 ×4 = 104.8

1.048m

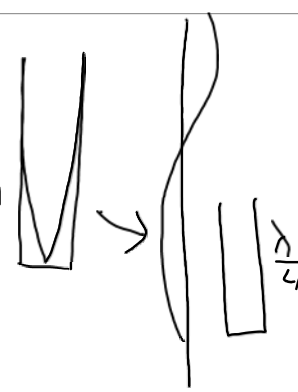
length ×4

wavelength

example

25cm × 4 = 100cm

1 m



$\lambda$ = ______ m (Measured x4)

$f$ = ______ Hz on Tuning fork

$V = \lambda f$

speed of sound wavelength freq.

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