LATEX PRACTICE

RAUL VILLALOBOS

$f = 465$ Hz
$v_{snd} = 343.0 \frac{\text{m}}{\text{s}}$

$\lambda = \frac{v}{f} = \frac{343.0 \frac{\text{m}}{\text{s}}}{465 \text{ Hz}} = 0.7376$ m

$\Delta\theta = \frac{2\pi}{\lambda}\Delta x = 2(a)\pi$

$\frac{\Delta x}{\lambda} = a$

$\frac{4 \text{ m}}{0.7376 \text{ m}} = 5.423$