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Cool! I'am really happy

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so many fake sites. this is the first one which worked! Many thanks

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217 Comparing v with Eq. (2.13) yields that $A = 0.02$ m. Moreover, 27.157° and so 23.157° is 0.400 m. The relationship between frequency and wavelength is $v = \lambda f$. The period is the inverse of the frequency, and therefore $T = 0.015$ s.

218 (a) $(4.0 \text{ m})^2 = 4.0^2 \text{ m}^2$
(b) $\lambda = 20.0 \text{ m}$
(c) $(4.0 \text{ m})^2 = 4.0^2 \text{ m}^2$
From the figure, $A = 0.020$ m
 $\lambda^2 = 4.0^2 \text{ m}^2$, $\lambda = 2.0 \text{ m}$
(c.f.) $0.020 \text{ m} = \lambda/100$, $\lambda = 2.0 \text{ m}$

219 (a) $(0.20 \text{ m})^2 = 0.04 \text{ m}^2$, $\lambda = 0.20 \text{ m}$
(b) $(0.20 \text{ m})^2 = 0.04 \text{ m}^2$, $\lambda = 0.20 \text{ m}$
(c) $(0.20 \text{ m})^2 = 0.04 \text{ m}^2$, $\lambda = 0.20 \text{ m}$

220 (a) $(0.20 \text{ m})^2 = 0.04 \text{ m}^2$, $\lambda = 0.20 \text{ m}$
(b) $(0.20 \text{ m})^2 = 0.04 \text{ m}^2$, $\lambda = 0.20 \text{ m}$
(c) $(0.20 \text{ m})^2 = 0.04 \text{ m}^2$, $\lambda = 0.20 \text{ m}$

221 From Eq. (2.20), $\lambda = 2.0 \text{ m}$
(a) $(0.20 \text{ m})^2 = 0.04 \text{ m}^2$, $\lambda = 0.20 \text{ m}$
(b) $(0.20 \text{ m})^2 = 0.04 \text{ m}^2$, $\lambda = 0.20 \text{ m}$
(c) $(0.20 \text{ m})^2 = 0.04 \text{ m}^2$, $\lambda = 0.20 \text{ m}$

222 From Eq. (2.20), $\lambda = 2.0 \text{ m}$
(a) $(0.20 \text{ m})^2 = 0.04 \text{ m}^2$, $\lambda = 0.20 \text{ m}$
(b) $(0.20 \text{ m})^2 = 0.04 \text{ m}^2$, $\lambda = 0.20 \text{ m}$
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(b) $(0.20 \text{ m})^2 = 0.04 \text{ m}^2$, $\lambda = 0.20 \text{ m}$
(c) $(0.20 \text{ m})^2 = 0.04 \text{ m}^2$, $\lambda = 0.20 \text{ m}$