6. We use the fundamental relationship between velocity, frequency, and wavelength and divide each side of the equation by frequency in order to obtain an expression for the wavelength.

$$v = f\lambda$$

$$v / f = (f\lambda) / f = \lambda$$

$$\lambda = v / f$$

$$\lambda = (340 \text{ m / s}) / (440 \text{ Hz})$$

$$\lambda = 0.77 \text{ m}$$