

MP/387

$$v = ?$$

$$T = 21^{\circ}\text{C}$$

MP/388
PP/390

$$v = 331 \text{ m/s} + \left(0.59 \frac{\text{m/s}}{^{\circ}\text{C}}\right) T$$

$$v = 331 \text{ m/s} + \left(0.59 \frac{\text{m/s}}{^{\circ}\text{C}}\right) (21^{\circ}\text{C})$$

$$v = 331 \text{ m/s} + 12.39 \text{ m/s}$$

$$v = 343.39 \text{ m/s}$$

$$v = 343 \text{ m/s}$$