

1 Concrete has a density of 2400 kg m^{-3} .

Which mass of concrete fills a rectangular space of dimensions $8.0 \text{ cm} \times 90 \text{ cm} \times 110 \text{ cm}$?

A 79 kg

B 190 kg

C 790 kg

D 1900 kg

2 The speed v of sound in air is given by the equation