

Chapter Two Review 7

Use conversions in back of book cover if you don't know the value.

1. $0.0034 \text{ Mm} = \underline{\hspace{2cm}} \text{ cm}$
2. $2.02 \times 10^6 \text{ nl} = \underline{\hspace{2cm}} \text{ kl}$
3. $0.033 \text{ cm} = \underline{\hspace{2cm}} \text{ Mm}$
4. $3.44 \times 10^{-5} \mu\text{g} = \underline{\hspace{2cm}} \text{ Mg}$
5. $0.000563 \text{ mm} = \underline{\hspace{2cm}} \text{ Mm}$
6. $3.455 \text{ m} + 2.3 \text{ km} = \underline{\hspace{2cm}}$ 7. $0.084 \text{ m} / 3.4 \text{ hr} = \underline{\hspace{2cm}}$
8. $5.60 \text{ g/cm}^2 / 3.4 \text{ cm} = \underline{\hspace{2cm}}$ 9. $3.4 \times 10^3 \text{ kl} + 240 \text{ kl} = \underline{\hspace{2cm}}$
10. $4.55 \times 10^{-2} \text{ m} + 2.3 \times 10^{-1} \text{ m} = \underline{\hspace{2cm}}$ 11. $234 \text{ mm} - 234 \mu\text{m} = \underline{\hspace{2cm}}$ check units!
12. $17.4 \text{ m/s} = \underline{\hspace{2cm}} \text{ mile/hr}$
13. $17.4 \text{ m/s} = \underline{\hspace{2cm}} \text{ km/hr}$
14. What is the volume of a box that is 33.45 cm by 13.50 cm by 4.55 cm?
15. What is the volume of a baseball if it is 4.55 cm in radius? $V = 4/3\pi r^3$?