

$$1) 450 \cdot 10^{12} \text{ au} \rightarrow \text{Mm}$$

$$450 \cdot 10^{12} \text{ au} = 4'5 \cdot 10^{14} \text{ au} \cdot \frac{10^{-2} \text{ m}}{1 \text{ au}} \cdot \frac{1 \text{ Mm}}{10^6 \text{ m}} = \underline{\underline{4'5 \cdot 10^6 \text{ Mm}}}$$

$$2) 0'7 \cdot 10^{23} \mu\text{g} \rightarrow \text{Gg}$$

$$0'7 \cdot 10^{23} \mu\text{g} = 7 \cdot 10^{22} \mu\text{g} \cdot \frac{10^{-6} \text{ g}}{1 \mu\text{g}} \cdot \frac{1 \text{ Gg}}{10^9 \text{ g}} = \underline{\underline{7 \cdot 10^7 \text{ Gg}}}$$

$$3) 78000000000 \text{ dam}^3 \rightarrow \text{KP}$$

$$78000000000 \text{ dam}^3 = 7'8 \cdot 10^9 \text{ dam}^3 \cdot \frac{10^3 \text{ m}^3}{1 \text{ dam}^3} \cdot \frac{10^3 \text{ l}}{1 \text{ m}^3} \cdot \frac{1 \text{ KP}}{10^3 \text{ l}} = \underline{\underline{7'8 \cdot 10^{11} \text{ KP}}}$$

$$4) 300^\circ\text{F} \rightarrow \text{K}$$

$$^\circ\text{C} = \frac{(300 - 32) \cdot 100}{180} = \underline{\underline{148'9^\circ\text{C}}} + 273 = \underline{\underline{421'9 \text{ K}}}$$

$$5) 0'00034 \text{ Km}^2 \rightarrow \text{ha}$$

$$0'00034 \text{ Km}^2 = 3'4 \cdot 10^{-4} \text{ Km}^2 \cdot \frac{10^6 \text{ m}^2}{1 \text{ Km}^2} \cdot \frac{1 \text{ ha}}{10^4 \text{ m}^2} = \underline{\underline{3'4 \cdot 10^{-2} \text{ ha}}}$$

$$6) 2'3 \cdot 10^{23} \text{ pm} \rightarrow \text{Gm}$$

$$2'3 \cdot 10^{23} \text{ pm} \cdot \frac{10^{-12} \text{ m}}{1 \text{ pm}} \cdot \frac{1 \text{ Gm}}{10^9 \text{ m}} = \underline{\underline{2'3 \cdot 10^2 \text{ Gm}}}$$

$$\textcircled{7} \quad 0.0000007 \text{ m}^3 \longrightarrow \text{dl}$$

$$0.0000007 \text{ m}^3 = 7 \cdot 10^{-6} \text{ m}^3 \cdot \frac{10^3 \text{ l}}{1 \text{ m}^3} \cdot \frac{1 \text{ dl}}{10^{-1} \text{ l}} = \underline{\underline{7 \cdot 10^{-2} \text{ dl}}}$$

$$\textcircled{8} \quad 1000 \text{ K} \longrightarrow ^\circ\text{C}$$

$$1000 \text{ K} - 273 = 727^\circ\text{C}$$

$$\textcircled{9} \quad 400000000 \mu\text{m} \longrightarrow \text{dm}$$

$$400000000 \mu\text{m} = 4 \cdot 10^8 \mu\text{m} \cdot \frac{10^{-6} \text{ m}}{\mu\text{m}} \cdot \frac{1 \text{ dm}}{10^{-1} \text{ m}} = 4 \cdot 10^3 \text{ dm}$$

$$\textcircled{10} \quad 25 \frac{\text{m}}{\text{s}} \longrightarrow \frac{\text{km}}{\text{h}}$$

$$25 \frac{\text{m}}{\text{s}} \cdot \frac{1000 \text{ km}}{1000 \text{ m}} \cdot \frac{3600 \text{ s}}{1 \text{ h}} = 90 \frac{\text{km}}{\text{h}}$$

$$\textcircled{11} \quad 136 \frac{\text{g}}{\text{cm}^3} \longrightarrow \frac{\text{kg}}{\text{m}^3}$$

$$136 \cdot \frac{\text{g}}{\text{cm}^3} \cdot \frac{1 \text{ kg}}{10^3 \text{ g}} \cdot \frac{1 \text{ m}^3}{10^{-6} \text{ cm}^3} = 136 \cdot 10^3 \frac{\text{kg}}{\text{m}^3}$$