

47. 10 kg

Solution for Number 47

Density of water (ρ) is $1000 \frac{\text{kg}}{\text{m}^3}$ or $1 \frac{\text{kg}}{\text{liter}}$

$$W = \rho \cdot V$$

$$W = 1 \frac{\text{kg}}{\text{liter}} \times 10 \text{ liters} = 10 \text{ kg}$$

48. 10^7 ergs

Solution for Number 48

$$1 \text{ joule} = 10^7 \text{ ergs}$$

49. 746 watts

50. 1000 hp

Solution for Number 50

$$1 \text{ hp} = 746 \text{ watts} = 0.746 \text{ kilowatts}$$

$$746 \text{ kW} \times \frac{\text{hp}}{0.746 \text{ kW}} = 1000 \text{ hp}$$

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Page 9 of 9