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Units of Measurement Quiz: Solutions

A. Fill in the missing information

Measurement	Unit	Symbol
Length	meter	m
Mass	kilogram	kg
Time	second	s
Temperature	kelvin	K
Amount of substance	mole	mol

B. Multiple Choice

Which of the following are units for speed:

Answer: f

- | | |
|-----------------|---------------------|
| a. m / s | d. mm / μ s |
| b. ft / s | e. in / year |
| c. miles / hour | f. all of the above |

Which of the following are SI units for density:

Answer: a

- | | |
|------------------------|-------------------------|
| a. kg / m ³ | d. kg / L |
| b. g / mL | e. mg / in ³ |
| c. g / cm ³ | f. all of the above |

Which of the following are units for volume:

Answer: d

- | | |
|--------------------|--------------------|
| a. m ² | d. in ³ |
| b. ft | e. mile |
| c. in ² | f. cm ² |