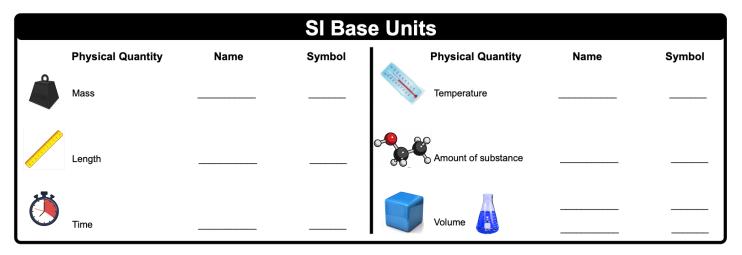
CONCEPT: SI UNITS (SIMPLIFIED)

SI Base Units

• The International System of Units (SI) is related to the metric system and is based on six base units.



EXAMPLE: Which of the following values is given with SI units?

a) 1.25 x 10⁴ min

b) 6.82 x 10⁻³ mg

c) 25.6°C

d) 101.3 s

PRACTICE: Which of the following represents volume in SI units?

a) 2.71 x 10⁻¹ cm³

b) 207.2 km²

c) 5.18 x 10⁵ m³

d) 582.28 mm

PRACTICE: Convert 12 minutes into acceptable SI units.

a) 720 s

b) 0.20 s

c) 3.33 x 10⁻³ s

d) $4.32 \times 10^4 \text{ s}$