

Exercise 1.71

What type of quantity (for example, length, volume, density) do the following units indicate?

(a) mL, (b) cm^2 , (c) mm^3 , (d) mg/L, (e) ps, (f) nm, (g) K.

Solution

(a) mL - volume

(b) cm^2 - area

(c) mm^3 - volume

(d) mg/L - density (mass per unit volume)

(e) ps - time

(f) nm - length

(g) K - temperature