

Practice Worksheet 1.2 – The SI System and Prefixes

Rewrite the following measurements using appropriate metric prefixes. There could be more than one reasonable answer for some questions.

a) 1.89×10^9 m

b) 0.004 L

c) 360000 g

d) 4.5×10^{-2} m

e) 1.27×10^{-8} s

f) 0.00057 kg

g) 0.00247 A

h) 0.45 m

Write the following in base units (use scientific notation if appropriate)

i) 1.87 Gg

j) 63 μ m

k) 5 cs

l) 0.98 km

m) 4.5 mA

n) 9230 nm

o) 0.654 km

p) 0.78 mg