

Name: _____

Period: ____

I. Scientific Notation

(1) 125000 = _____

(2) 0.00034 = _____

(3) 864000000 = _____

(4) 0.00000072 = _____

(5) 6.54×10^5 = _____

(6) 2.24×10^{-3} = _____

(7) 8.2×10^{-6} = _____

(8) 4.56×10^8 = _____

II. Metric Conversions

(1) 0.075 m = _____ cm

(2) 950 g = _____ kg

(3) 1200 mL = _____ L

(4) 0.000060 s = _____ μ s

(5) 1500 L = _____ kL

(6) 4500 ms = _____ s

(7) 15000 m = _____ Mm

(8) 15 g = _____ mg

(9) 0.050 ks = _____ s

(10) 25 cs = _____ ms

(11) 0.005 kg = _____ dag

(12) 275 mm = _____ cm

(13) 35 mL = _____ dL

(14) 1000 μ m = _____ nm

(15) 2340 hL = _____ kL

(16) 0.010 Mm = _____ m

(17) 0.2 dg = _____ cg

(18) 500 daL = _____ GL

Answers:

I. Scientific Notation

(1) 1.25×10^5

(2) 3.4×10^{-4}

(3) 8.64×10^8

(4) 7.2×10^{-7}

(5) 654000

(6) 0.00224

(7) 0.0000082

(8) 456000000

II. Metric Conversions

(1) 7.5 cm

(2) 0.950 kg

(3) 1.2 L

(4) 60 μ s

(5) 1.5 kL

(6) 4.5 s

(7) 0.015 Mm

(8) 15000 mg

(9) 50 s

(10) 250 ms

(11) 0.5 dag

(12) 27.5 cm

(13) 0.35 dL

(14) 1000000 nm

(15) 234 kL

(16) 10000 m

(17) 2 cg

(18) 0.000005 GL