

Metric Estimation

1. What is the approximate width of a person's little finger?
 1. 1 m
 2. 0.1 m
 3. 0.01 m
 4. 0.001 m
2. What is the approximate mass of an automobile?
 1. 10^1 kg
 2. 10^2 kg
 3. 10^3 kg
 4. 10^6 kg
3. The diameter of a United States penny is closest to
 1. 10^0 m
 2. 10^{-1} m
 3. 10^{-2} m
 4. 10^{-3} m
4. An egg is dropped from a third-story window. The distance the egg falls from the window to the ground is closest to
 1. 10^0 m
 2. 10^1 m
 3. 10^2 m
 4. 10^3 m
5. The approximate height of a 12-ounce can of root beer is
 1. 1.3×10^{-3} m
 2. 1.3×10^{-1} m
 3. 1.3×10^0 m
 4. 1.3×10^1 m
6. The mass of a paper clip is approximately
 1. 1×10^6 kg
 2. 1×10^3 kg
 3. 1×10^{-3} kg
 4. 1×10^{-6} kg
7. The length of a dollar bill is approximately
 1. 1.5×10^{-2} m
 2. 1.5×10^{-1} m
 3. 1.5×10^1 m
 4. 1.5×10^2 m
8. What is the approximate length of a baseball bat?
 1. 10^{-1} m
 2. 10^0 m
 3. 10^1 m
 4. 10^2 m
9. What is the approximate diameter of an inflated basketball?
 1. 2×10^{-2} m
 2. 2×10^{-1} m
 3. 2×10^0 m
 4. 2×10^1 m
10. The length of a football field is closest to
 1. 1000 cm
 2. 1000 dm
 3. 1000 km
 4. 1000 mm