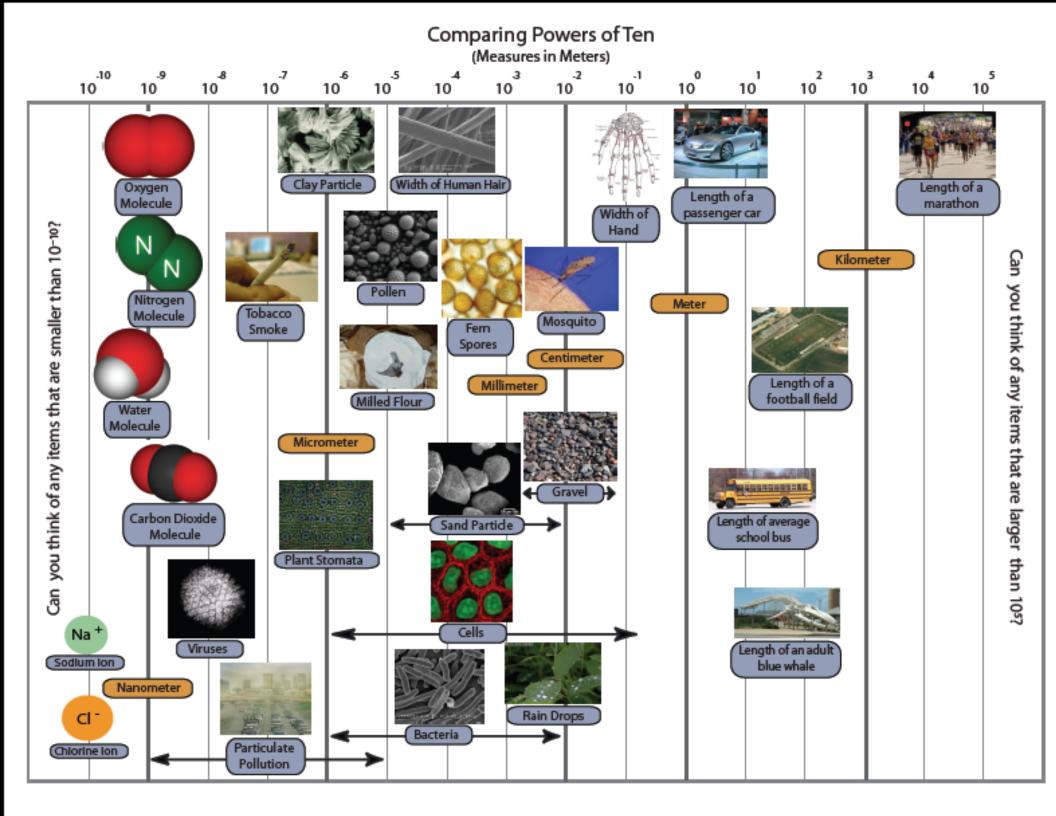
Middle School Mixtures Unit Powers of 10 Transparencies and Card Cut-Outs

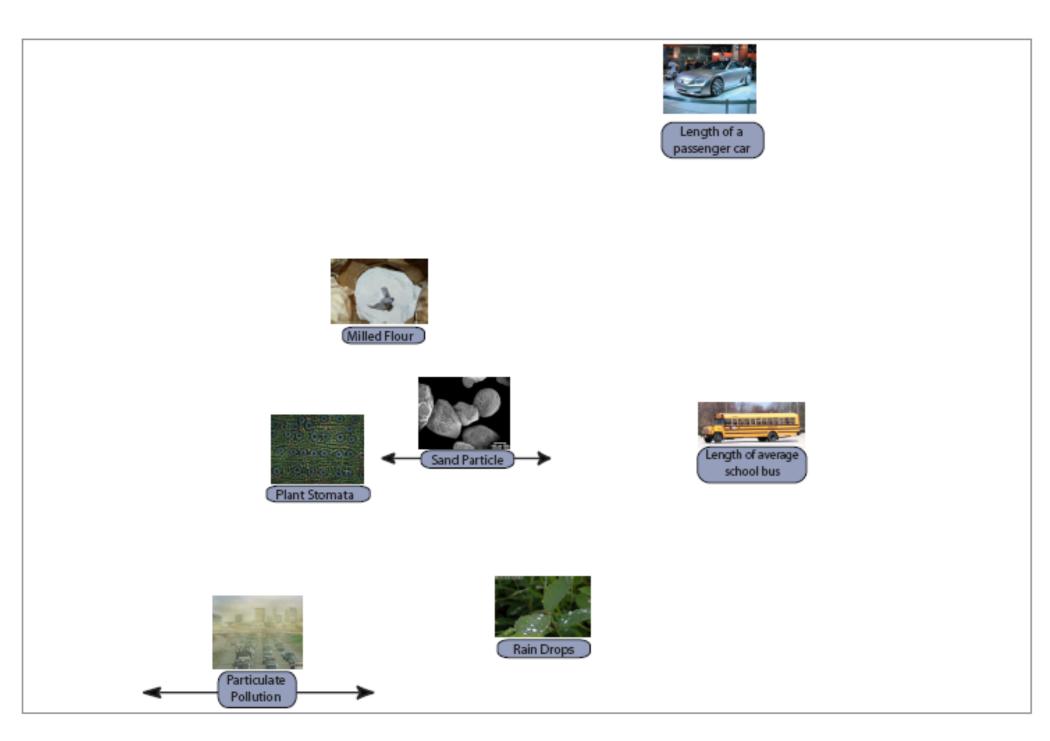
Blank Transparency Master	Page 2
Answers Transparency Master	Page 3
Partial Answers Transparency Master	Page 4
Cutouts	Pages 5-10

(Measures in Meters) 10 .3 10 10 2 10 10.8 10 6 10^{.7} 10⁻¹ 102 10⁵ 10 -5 0 3 1 10 10 10 10 10 Can you think of any items that are smaller than 10-10? Can you think of any items that are larger than 105? Kilometer Meter Centimeter Millimeter Nanometer

Comparing Powers of Ten



Comparing Powers of Ten (Measures in Meters)



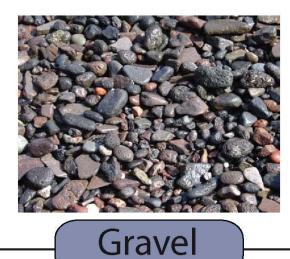
Comparing Powers of Ten Cutouts (Page 1)



Plant Stomata

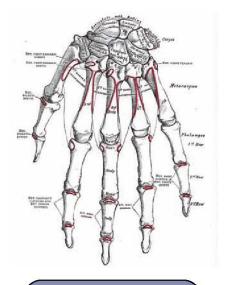
Plant Stomata

Tobacco Smoke



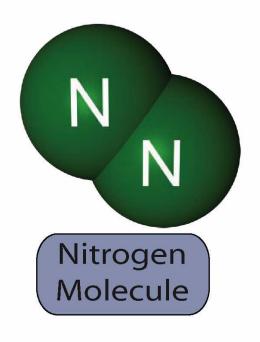


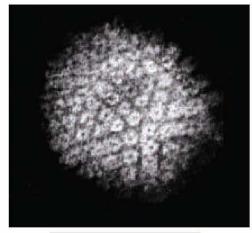
Milled Flour



Width of Hand

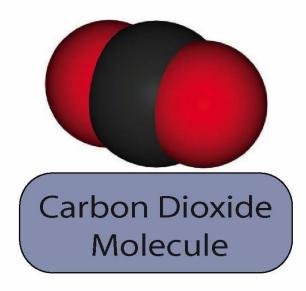
Comparing Powers of Ten Cutouts (Page 2)

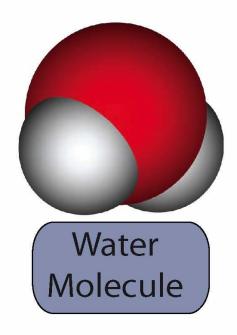




Length of average school bus



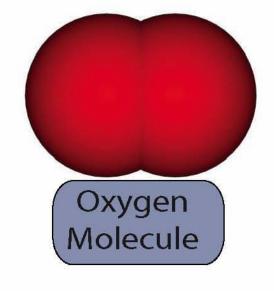






Rain Drops

Comparing Powers of Ten Cutouts (Page 3)

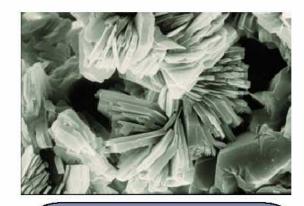




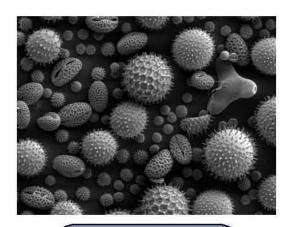
Fern Spores



Width of Human Hair



Clay Particle



Pollen



Length of a passenger car

Comparing Powers of Ten Cutouts (Page 4)



Length of a football field



Sand Particle



Length of a marathon

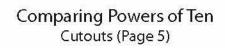


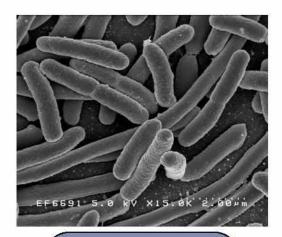
Length of an adult blue whale



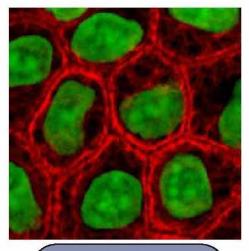






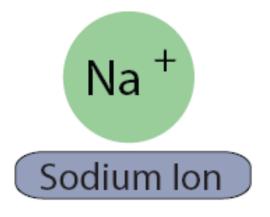


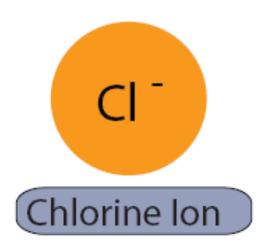




Cells

Comparing Powers of Ten Cutouts (Page 6)





Na⁺Cl⁻ (salt dissolved in water)