

Look up the following items online, and put them in standard notation and scientific notation.

Item	Standard Notation	Scientific Notation
<b>Planet Weights:</b>		
Mercury (kg)		
Venus (kg)		
Earth (kg)		
Mars (kg)		
<b>Planet Distances:</b>		
Earth to the Sun (m)		
Earth to the Moon (m)		
Earth to Andromeda (Light years)		
<b>Science:</b>		
Size of a blood cell (m)		
Size of a skin cell (m)		
Size of a nucleus (m)		
Size of a proton (m)		
Size of an electron (m)		
<b>Weight of Animals:</b>		
Blue Whale (lbs)		
Whale Shark (lbs)		
Elephant (lbs)		
Ant (lbs)		

Item	Standard Notation	Scientific Notation
<b>Populations:</b> City of Your Choice		
State of Your Choice		

Countries of Your Choice: Choose 3 from the following list: India, China, Brazil, US, Canada, Mexico, France, Kenya, Egypt, Dubai, Phillipines, Pakistan, Bangladesh, Spain, Hungary

Country 1:		
Country 2:		
Country 3:		



Mercury: $3.3022 \times 10^{22}$ kg
Venus: $4.8685 \times 10^{24}$ kg
Earth: $5.9722 \times 10^{24}$ kg
Mars: $6.4185 \times 10^{22}$ kg

Science:

Size of a blood cell

Size of a skin cell

Size of a nucleus

Size of a proton

Size of an electron

Weight

Ant 0.000003 kg

elephant – 6 tonnes

blue whale – 200 tonnes

whale shark – 18,000 kg

Distances

Earth to Sun

Earth to Moon

Earth to Andromeda  $2.3 \times 10^6$  light years

1 light year =  $5.9 \times 10^{12}$  miles

Populations

City

State

Country pick three (India, China, Brazil, US, Canada, Mexico, France, Kenya, Egypt, Dubai, Phillipines, Pakistan, Bangladesh, Spain, Hungary,

World

Skin cell