

# **Size & Scale**

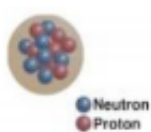
Challenge

Arrange these objects in order from LARGEST to SMALLEST on the next slide (click & drag)

1. thickness of a penny



2. nucleus of an oxygen atom



3. diameter of a red blood cell



4. height of a typical 5-year-old child



5. width of a proteinase enzyme



6. length of a dust mite



8. length of an amoeba



10. diameter of a ribosome



11. thickness of sewing thread



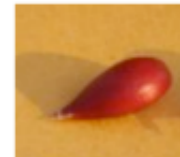
12. width of a water molecule



13. width of a bacterium



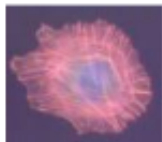
14. length of an apple seed



15. diameter of a virus



18. length of a human muscle cell



19. diameter of a carbon nanotube



24. wavelength of visible light

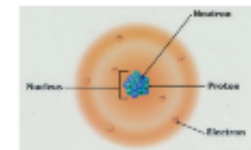


Visible Light Spectrum

23. thickness of a staple



22. diameter of a nitrogen atom



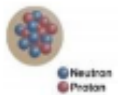
Largest

Smallest

14. length of an apple seed



2. nucleus of an oxygen atom



4. height of a typical 5-year-old child



1. thickness of a penny



5. width of a proteinase enzyme



3. diameter of a red blood cell



6. length of a flea bite



15. diameter of a virus



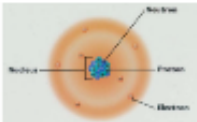
13. width of a bacterium



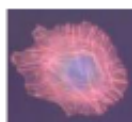
19. diameter of a carbon nanotube



22. diameter of a nitrogen atom



18. length of a human muscle cell



24. wavelength of visible light



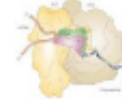
23. thickness of a staple



8. length of an amoeba



10. diameter of a ribosome



11. thickness of sewing thread



12. width of a water molecule

