How small is nano?

**Measuring different things**

### Macrosize

- **Child**
  - A child is about 1 meter tall
  - 1 meter = 1,000,000,000 nm (1 billion nanometers)

- **Hand**
  - A hand is about 1 decimeter wide
  - 1 decimeter = 10,000,000 nm (10 million nanometers)

- **Pinkie Finger**
  - A pinkie finger is about 1 centimeter wide
  - 1 centimeter = 10,000,000 nm (10 million nanometers)

- **Breast**
  - A breast is about 1 millimeter wide
  - 1 millimeter = 1,000,000 nm (1 million nanometers)

### Microsize

- **Red Blood Cell**
  - A red blood cell is about 10 micrometers wide
  - 10 micrometers = 10,000,000 nm (10 thousand nanometers)

- **Bacterium**
  - A bacterium is about 1 micrometer wide
  - 1 micrometer = 1,000,000 nm (1 thousand nanometers)

- **Virus**
  - A virus is about 0.1 nanometers wide
  - 0.1 nanometers = 100,000 nm (100 thousand nanometers)

### Nanosize

- **Cell Membrane**
  - A cell membrane is about 10 nanometers wide
  - 10 nanometers = 10 nm

- **Sugar Molecule**
  - A sugar molecule is about 1 nanometer wide
  - 1 nanometer = 1 nm

- **Atom**
  - An atom is about 0.1 nanometers wide
  - 0.1 nanometer = 0.01 nm