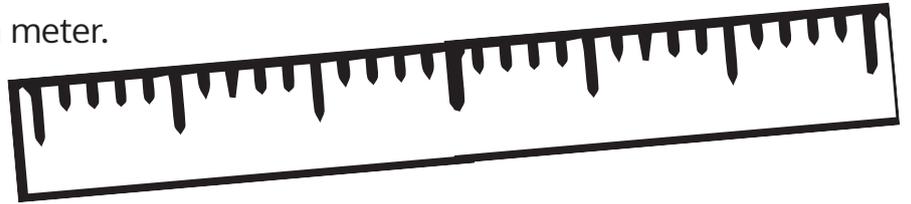


How small is nano?

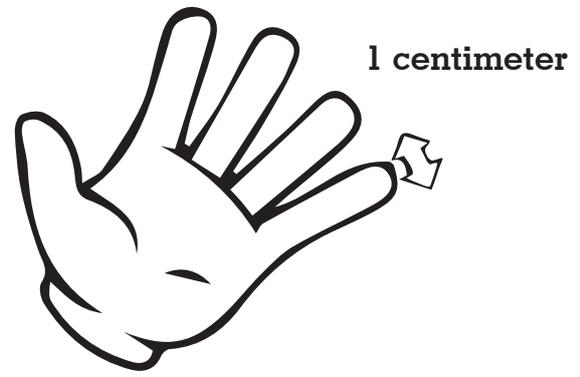
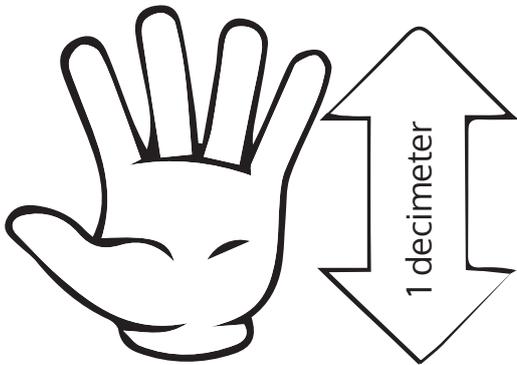


Colour in the pictures and use a ruler to measure out the first few units.

There are **1 billion** nanometers in a meter.
Are you **1 meter** tall?



A hand is **10 times smaller** than a meter.



A little finger is **10 times smaller** than a hand.



A freckle is **10 times smaller** than a little finger.

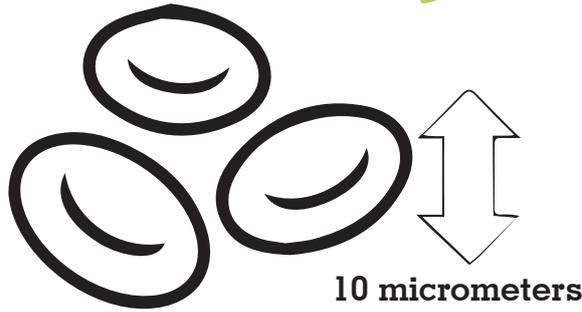


A strand of hair is **10 times smaller** than a freckle.

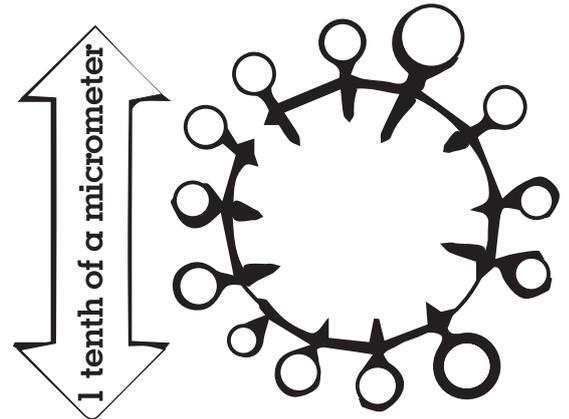
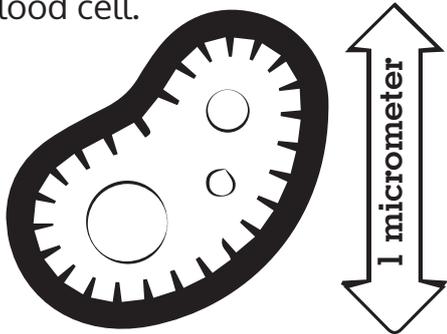
How small is nano?



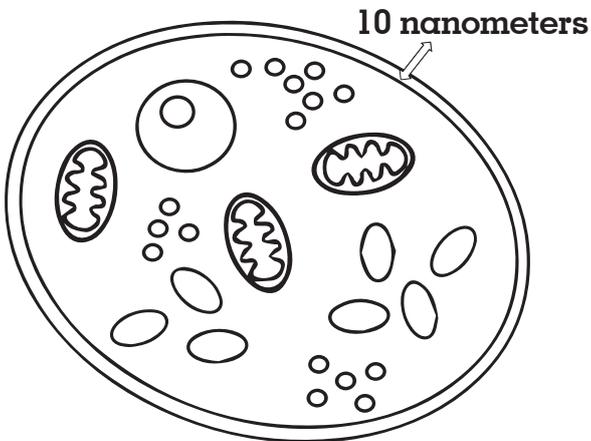
A red blood cell is **10 times smaller** than a strand of hair.



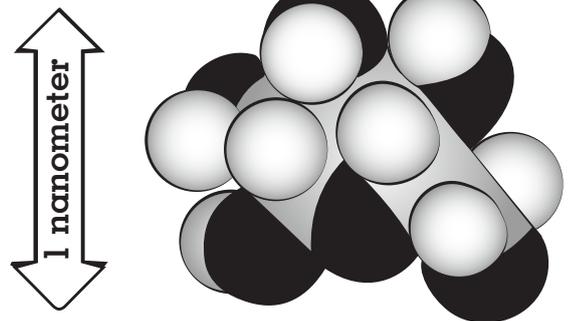
A bacterium is **10 times smaller** than a red blood cell.



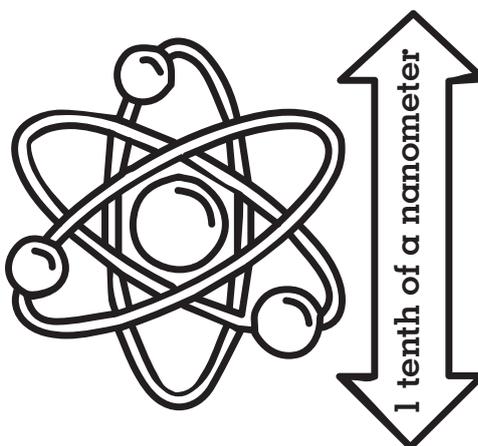
A virus is **10 times smaller** than a bacterium.



A sugar molecule is **10 times smaller** than a cell membrane.



A cell membrane is **10 times smaller** than a virus.



An atom is **10 times smaller** than a sugar molecule.