Nanoscale



What size is a nanometer?
My height in nanometers is:
A ferrofluid acts like a magnetic solid AND like a liquid.
• Look at the vial of ferrofluid. Move it around. Is the ferrofluid a liquid or a solid?
• Now hold a magnet up to the ferrofluid. What happens? Is it a liquid or solid?
What are the magnetic particles in the ferrofluid called?
New sunscreens contain nanoparticles of Zinc Oxide and Titanium Dioxide.
How did you show that sunscreens work?
Water Glucose Antibody Virus Bacterium Cancer cell A period Tennis ba
10-1 1 10 102 103 104 105 106 107 108

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Nanodevices Nanopores Dendrimers Nanotubes Quantum dots Nanoshells

Science	Chemistry of the Nanoworld	

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