

10 Fun Facts about Physics!



If you yelled for 8 years, 7 months and 6 days, you would have produced just enough sound energy to heat up one cup of coffee!

Light travels around 900,000 times faster than sound!



If you cool atoms (with spin 1) down to very low temperatures, many atoms can literally be in the same place at the same

The brightest stars can be millions of times brighter than the sun, but since they burn much faster, they have shorter lives.

Around 5.4 billion years from now, the core of the Sun will become hot enough to trigger hydrogen fusion in its surrounding shell. This will cause the outer layers of the sun to expand greatly, and the sun will become a red giant. Within 7.5 billion years, the Sun will engulf the Earth. Its surface will be much cooler than now and its luminosity much higher!

The Dead Sea is so dense with salt, you can easily float on it without drowning!

On a clear day, a beam of sunlight can be reflected off a mirror and seen up to 25 miles away!



The Sun converts 4 million tons of mass into energy every second.

Einstein's Relativity Theory says that objects moving quickly have more energy. Objects come in from space at huge speeds. One particle measured was smaller than an atom, yet had the kinetic energy of a speeding baseball!

Because of differences in gravity, a 220 pound person would only weigh 84 pounds on Mars!!!



Brought to you by: The SCW and YU Physics Clubs!