

1.) In 2011, approximately 1.7 billion cans of Coke were sold everyday

2.) 1.7 billion

3.) It is not in standard or scientific notation form. It has a number between 1 and 10 but does not contain the power of 10.

4.) Standard form: 17,000,000,000 Scientific Notation: 1.7×10^{10}

5.) Very large

6.)



The Hubble Telescope

The Hubble Telescope weighs 12 tons.

12 tons is very large.

12 tons is equal to 4000 lbs.

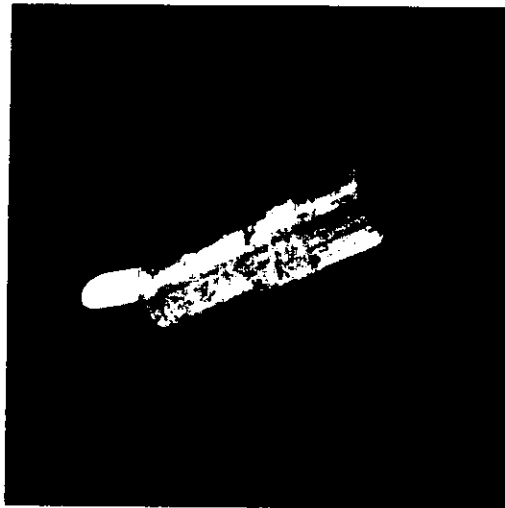
$$4 \times 10^3$$

The Hubble Telescope cost 2.1 million dollars.

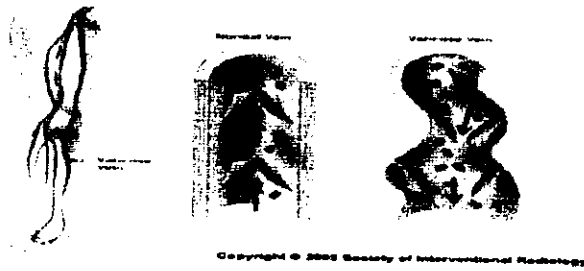
2.1 million dollars is very large.

2.1 million dollars is equal to 2,100,000.

$$2.1 \times 10^6$$



- 1.) There are 120,000 veins in a human body
- 2.) Very large
- 3.) Standard notation
- 4.) 1.2×10^5
- 5.) Very large
- 6.)



1. The **human eye** blinks an average of 4,200,000 times each year.

Very Large.

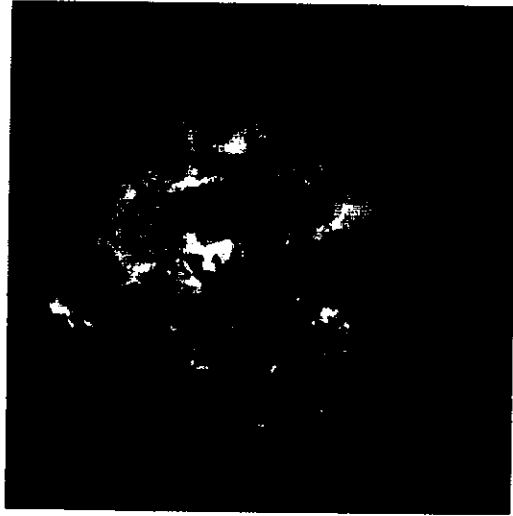
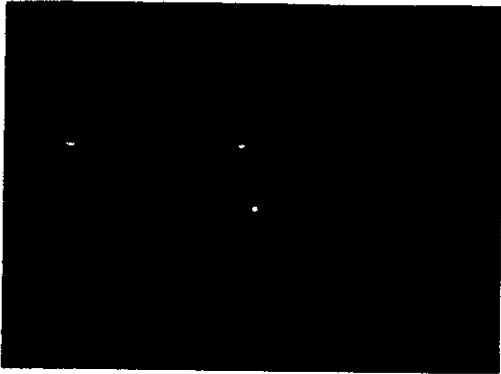
2. 4,200,000

3. Scientific Notation= 4.2×10^6

4. Very Large



- 1.) About 326,000,000,000,000,000 gallons of water on the face of this earth
- 2.) 326 million trillion gallons
- 3.) 3.26×10^{20}
- 4.) very large



<http://solarsystem.nasa.gov/planets/profile.cfm?Object=Sun>

Mass of the Sun: 1,989,100,000,000,000,000,000,000 kg

Very Large

Standard Form.

1.9891×10^{26}



Fact 2

The total length of blood vessels present in human body is approximately 62,000 miles.

Very small

Standard notation

6.2×10^3



The size of an Electron

Radius of an Electron is $2.8179402894 \times 10^{-15} \text{m}$.

Standard: .0000000000000028179402894m

This a very small number.

