Q1. What is measurement?

______________________________________________________________________________

Q2. How did people in ancient time measure length? Give any two examples.

______________________________________________________________________________

Q3. Fill in the blanks:

a) _________ of standard units are used to measure large quantities whereas _________ of standard units are used to measure smaller quantities.

b) _________ cm makes one km.

c) The distance between Delhi and Mumbai is usually measured in units of _________.

d) While measuring the length of a needle, the reading of the scale at one end is 3.0 cm and at the other end is 33.5 cm, the actual length of the needle is__________.

Q4. Define the following with examples:

a) Motion  
  b) Rectilinear motion  
  c) Curvilinear motion  
  d) Rotational motion  
  e) Repetitive motion  
  f) Periodic motion
Q5. Identify the type of motion in the following examples:

a) Heartbeat
b) Movement of the hands of a clock
c) Motion of a drill machine
d) An apple falling from a tree
e) A moving wheel of a sewing machine
f) A moving swing

Q6. Which of the following distance cannot be measured with the scale shown below (by using the scale only once)?

- a) 0.1cm
- b) 5.2cm
- c) 0.05cm
- d) 12.5cm