

28.6.21
HW

classmate

Date _____

Page _____

B- Short/Long Answers Questions:-

5. ans- One ~~metre~~ metre is defined as the distance travelled by the light in air in $\frac{1}{3} \times 10^8$ of a second.

One multiple of metre is kilometre (km) and one sub-multiple of metre is centimetre (cm).

6. a) 1 ft

b) 30.48 cm

c) 0.2 m

b) 420 cm

c) 200 m

f) 2 mm

g) 0.91 m

~~Extra~~ Extra Question

Q- What do you mean by error of parallax?

ans- The error/displacement caused by the apparent position of the object due to the viewing angle that is other than

the angle that is perpendicular to the object.

Q- Explain stepwise how to take measurement of length of an object with a metre scale?

ans- We measure length of an object by using a metre scale. A metre scale is graduated or marked in 100 cm and every centimetre is further divided into 10 divisions called millimetres.

Q- Explain stepwise how to take measurement of length of an object with a measuring tape?

ans- We have to have to put the end of the measure at one end of the item or space you want to measure. When the length stops, take a reading on the tape measure. In order to determine the length, you must add the lengths between inches together.