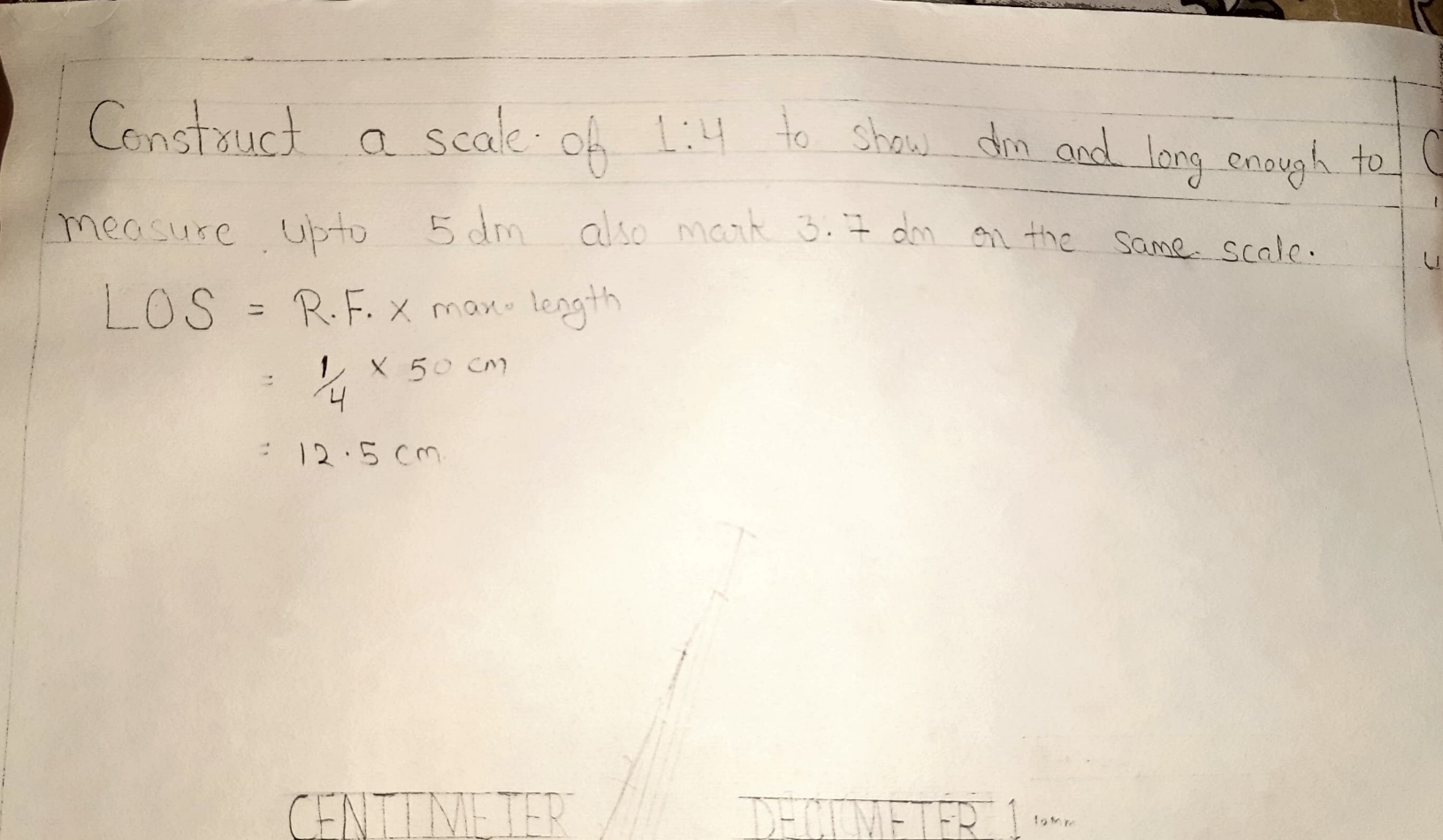
Construct a scale of 1:4 to show dm and long enough to measure upto 5 dm also mark 3.7 dm on the same scale.

LOS = R.F. x max. length

$= \frac{1}{4} \times 50\ cm$

$= 12.5\ cm$



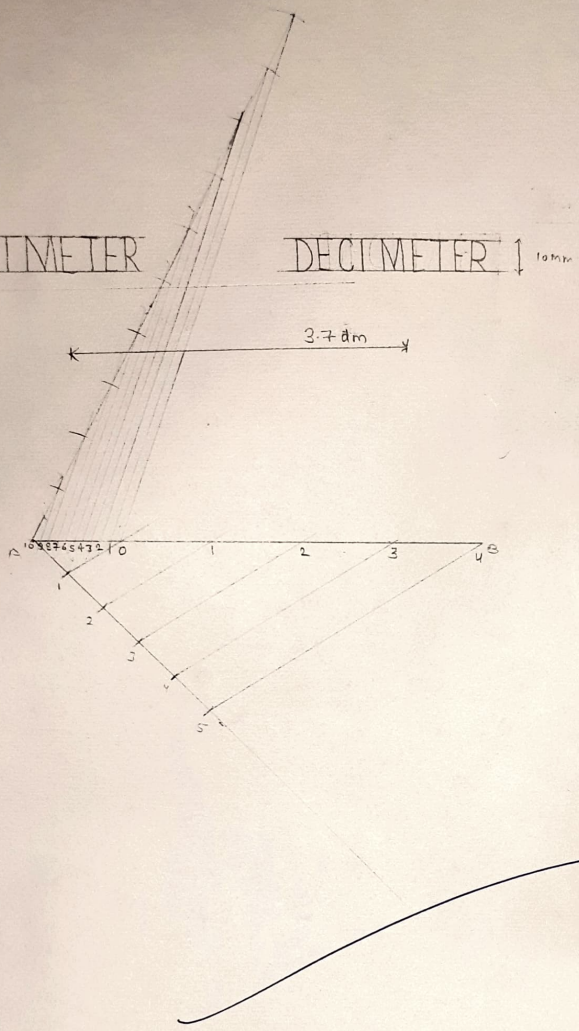
uct a scale of 1:4 to show dm and long enc

Upto 5 dm also mark 3.7 dm on the same scal

= R.F. × max. length

= $\frac{1}{4}$ × 5.0 cm

= 12.5 cm



3.7 dm

3dm + 0.7 dm

⇒ 3dm + 7cm

PLAIN SCALE

Construct a diagonal scale of 3:200 showing dm, m and cm and to measure upto 6 meters and show 4.56 meters on the scale.

$$LOS = R.F. \times max. length$$

$$= \frac{3}{200} \times 6$$

$$= \frac{9}{100} = 0.09 \text{ meter}$$

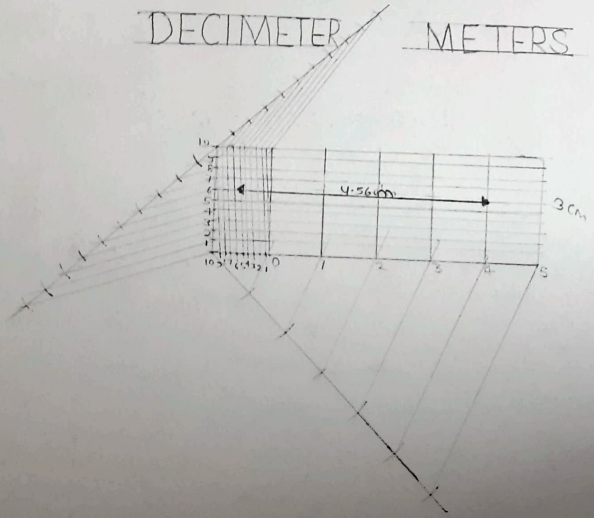
$$= 9 cm$$

DECIMETER METERS

CENTIMETERS

DECIMETER

METERS



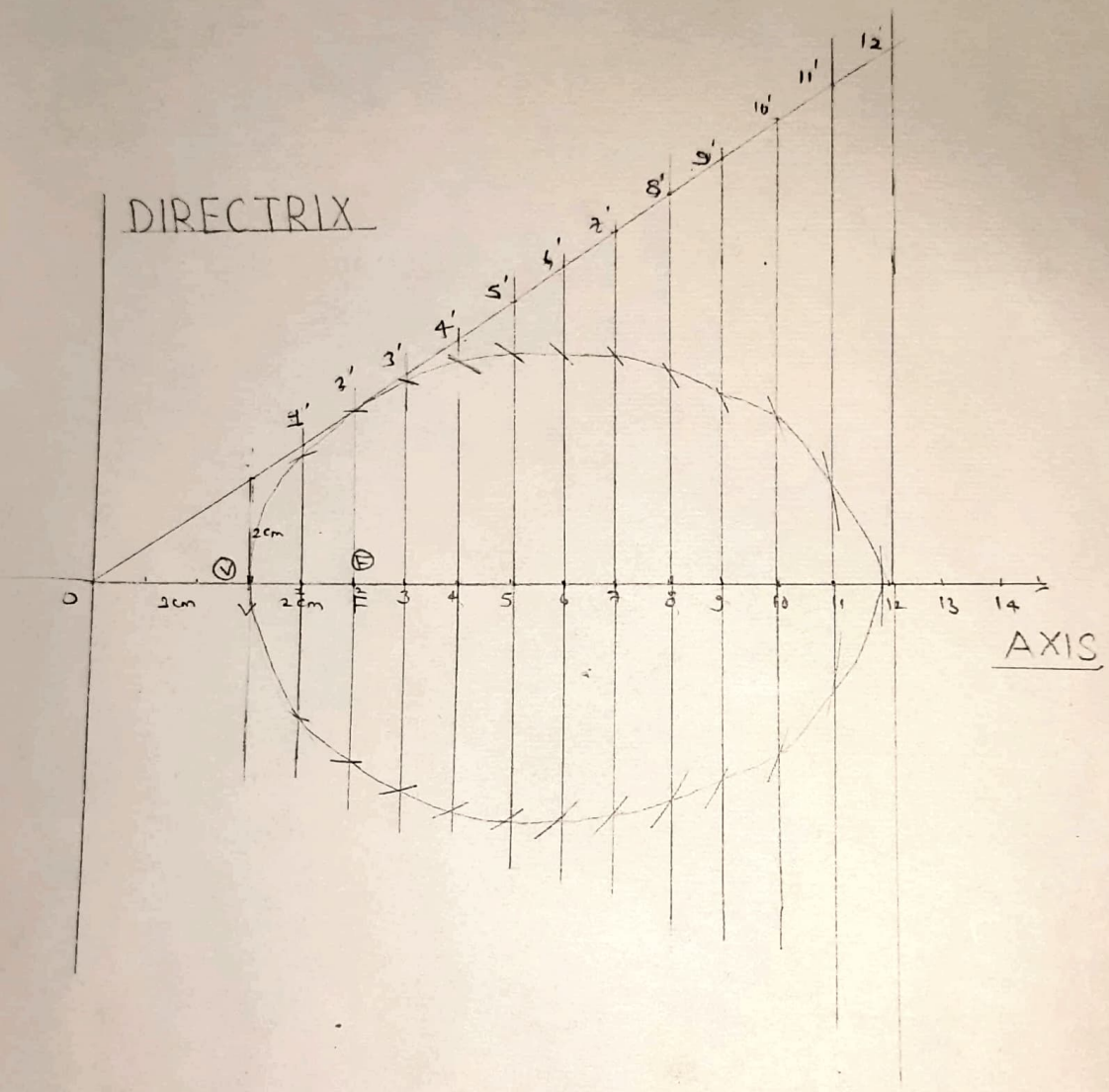
4.56 m

4m + 5dm + 6 cm

1. Construct an Ellipse when the distance of the focus from directrix is equal to 50 mm and eccentricity is 2/3

2. Construct an E
from directrix
is 1.

focus from directrix is equal to 50 mm and eccentricity is $\frac{2}{3}$



ELLIPSE

ance of the
mm and

2. Construct an Parabola when the distance of the focus from directrix is equal to 50 mm and eccentricity is 1.

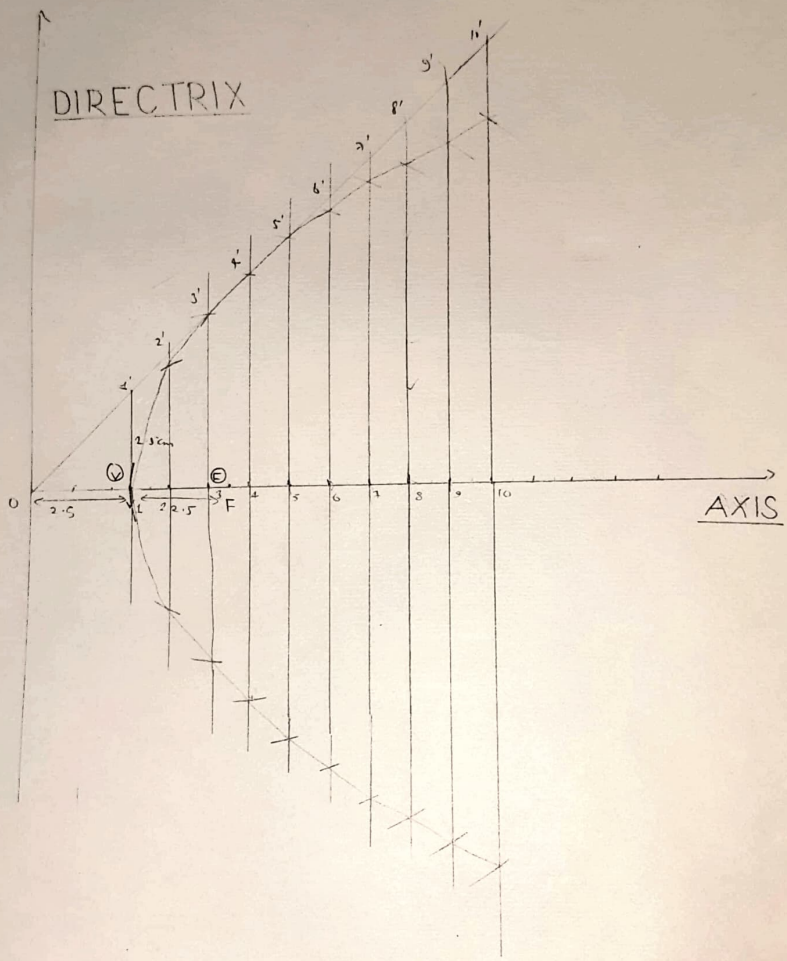
3

3. Constru

from dir

eccentricit

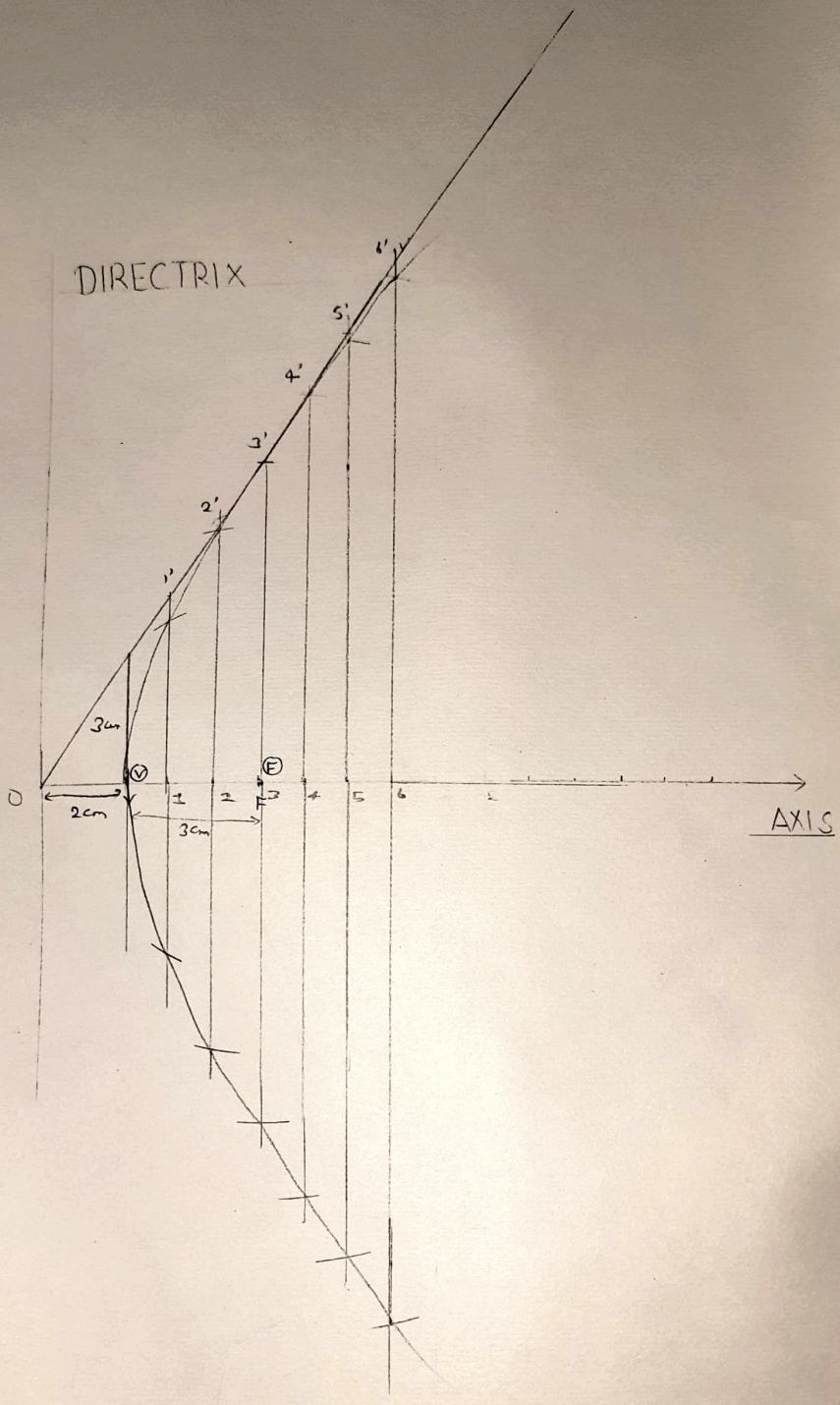
2. Construct an Parabola when the distance of the focus from directrix is equal to 30 mm and eccentricity is 1.



PARABOLA

3. Construct an Hyperbola when the distance of the focus from directrix is equal to 50 mm and the eccentricity is $3/2$.

ccentricity is 3/2 :



HYPERBOLA

Complete

GIT JAIPUR

CONIC SECTION

KANCHAN PRAJAPAT | SCALE =

BATCH-B2 | ROLL NO.-37

10/24