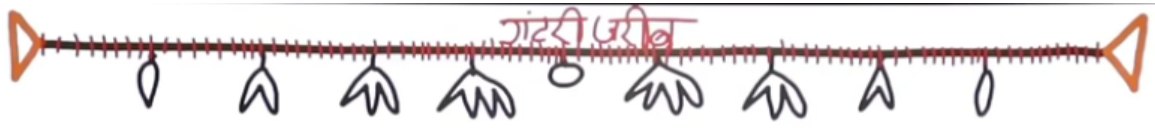


LENGTH



(Gunter's chain)

$$\begin{aligned}
 1 \text{ जरीब} &= 100 \text{ कडी} \\
 &= 66 \text{ फीट} \\
 &= 22 \text{ गज} \\
 &= 20 \text{ मीटर} \\
 &= 44 \text{ हाथ} \\
 &= 88 \text{ बीता} \\
 &= 792 \text{ इंच}
 \end{aligned}$$

$$\begin{aligned}
 * 1 \text{ कडी} &= 0.66' \\
 1 \text{ गज} &= 3' \\
 1 \text{ meter} &= 3.28' \\
 1 \text{ हाथ} &= 18'' \\
 1 \text{ बीता} &= 9''
 \end{aligned}$$

$$\begin{aligned}
 * 1 \text{ लगगी} &= 5.5 \text{ हाथ (Rohtas)} \\
 &\downarrow \\
 &= 6.5 \text{ हाथ (Nawada)}
 \end{aligned}$$

$$\begin{aligned}
 1 \text{ हाथ} &= 2.272 \text{ कडी} \\
 &= 1.5' \\
 &= 0.5 \text{ गज} \\
 &= 0.454 \text{ m} \\
 &= 2 \text{ बीता}
 \end{aligned}$$

$$* 20 \text{ m} = 100 \text{ कडी} \rightarrow \text{Tape using.}$$

Area

$$* 1 \text{ धुर} = 1 \text{ लगगी} \times 1 \text{ लगगी}$$

$$* 1 \text{ कठ्ठा} = 20 \text{ धुर}$$

$$* 1 \text{ बीगहा} = 20 \text{ कठ्ठा}$$

$$\begin{aligned}
 * 1 \text{ हेक्टेयर} &= 100 \text{ m} \times 100 \text{ m} = 247.1 \text{ डिसेमील} \\
 &\approx 250 \text{ डिसेमील} \\
 &= 2.471 \text{ शकड.}
 \end{aligned}$$

$$1 \text{ धुर} = 20 \text{ धुरकी}$$

$$1 \text{ धुरकी} = 20 \text{ फुरकी}$$

$$1 \text{ शकड.} = 100 \text{ डिसेमील}$$

$$1 \text{ शयर} = 10 \text{ m} \times 10 \text{ m}$$

$$* 1 \text{ डिसेमील} = 435.6 \text{ ft}^2 \approx 1000 \text{ वर्ग कडी}$$

