

$$1\text{cm} = 20\text{m}$$

$$1\text{cm} = 0.01\text{m}$$

$$20 \div 0.01 = 2000 \Rightarrow 1:2000$$

$$1\text{cm} = 5\text{m}$$

$$5 \div 0.01 = 500 \Rightarrow 1:500$$

$$2\text{cm} = 5\text{m}$$

$$5 \div 0.02 = 250 \Rightarrow 1:250$$

A parcel of land measured on 1:250 scale plan is 51.25cm^2 . Calculate the area in m^2 .

$$\frac{51.25}{100^2} = 5.125 \times 10^{-3} \text{m}^2$$

$$5.125 \times 10^{-3} \times 250^2 = 320\text{m}^2 = 0.032\text{ha}$$

22.5 cm^2 @ $1:500$ scale

562.5 m^2