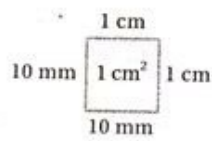


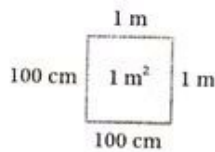
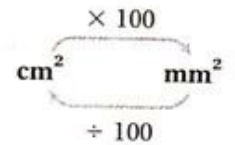
Area conversions

Use the following diagrams and rules to help you convert between different units of measurement for area:



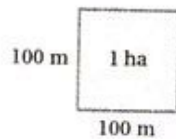
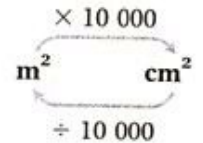
$$1 \text{ cm}^2 = (10 \times 10) \text{ mm}^2$$

$$1 \text{ cm}^2 = 100 \text{ mm}^2$$



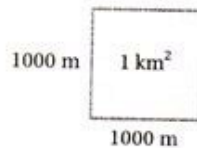
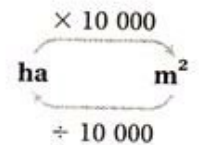
$$1 \text{ m}^2 = (100 \times 100) \text{ cm}^2$$

$$1 \text{ m}^2 = 10\,000 \text{ cm}^2$$



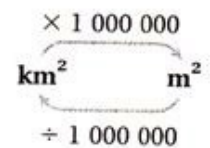
$$1 \text{ ha} = (100 \times 100) \text{ m}^2$$

$$1 \text{ ha} = 10\,000 \text{ m}^2$$



$$1 \text{ km}^2 = (1000 \times 1000) \text{ m}^2$$

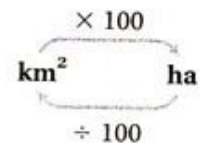
$$1 \text{ km}^2 = 1\,000\,000 \text{ m}^2$$



$$\begin{aligned} 1 \text{ km}^2 &= 1\,000\,000 \text{ m}^2 \text{ (from above)} \\ &= (100 \times 10\,000) \text{ m}^2 \\ &= 100 \times 1 \text{ ha (since } 1 \text{ ha} = 10\,000 \text{ m}^2) \end{aligned}$$



$$1 \text{ km}^2 = 100 \text{ ha}$$



All these conversions are summarised in the following chart:

