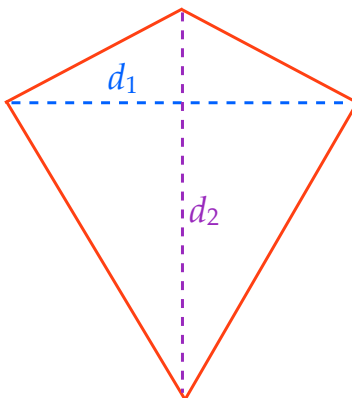


## Area of a Kite

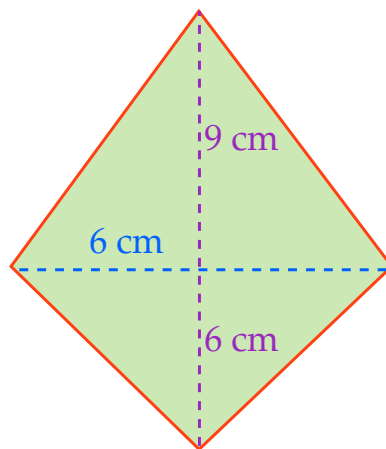
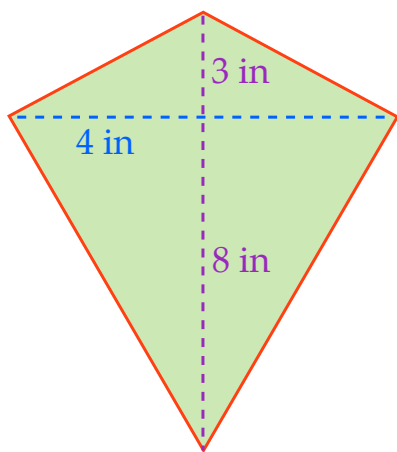
The area enclosed by the sides of a kite.

$$A = \frac{1}{2}(\text{diagonal}_1 \cdot \text{diagonal}_2) = \frac{1}{2}(d_1 \cdot d_2)$$



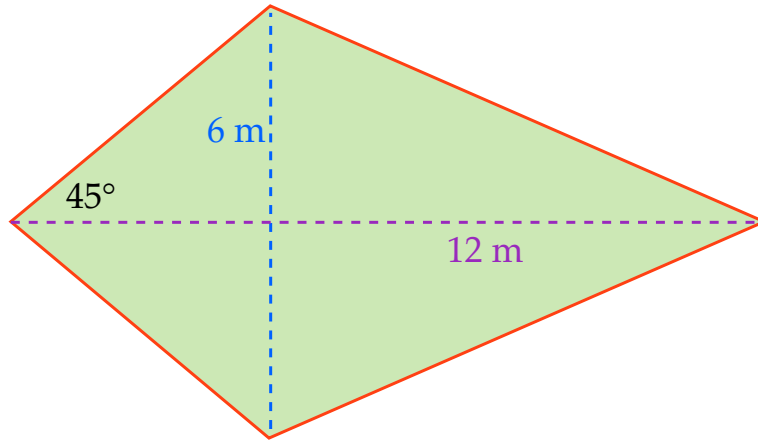
Find the area of the following kites.

$$A = \frac{1}{2}(d_1 \cdot d_2)$$



Find the **area** of the following **kites**.

$$A = \frac{1}{2}(d_1 \cdot d_2)$$



#### Area of a Kite

The **area** enclosed by the sides of a **kite**.

$$A = \frac{1}{2}(\text{diagonal}_1 \cdot \text{diagonal}_2) = \frac{1}{2}(d_1 \cdot d_2)$$

One diagonal is bisected  
Diagonals are perpendicular

