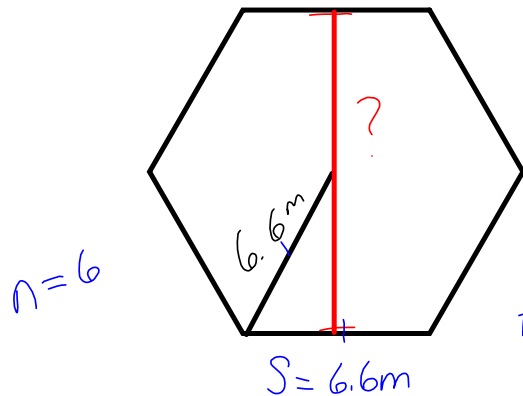


Find the height of the hexagon.

$$A = 113.17 \text{ m}^2$$



We know that the height is twice the apothem so if we find the apothem we can multiply it by 2.

$$A = \frac{san}{2}$$

$$113.17 = \frac{(6.6)a(6)}{2}$$

$$2(113.17) = \left(\frac{(6.6)a(6)}{2} \right) 2$$

$$\frac{226.34}{39.6} = \frac{39.6a}{39.6}$$

$$5.7157 = a$$

Height = 2(5.7157)
 Height = 11.4314 m