

## 2. Identify the given values:

- Area  $A = 450 \text{ cm}^2$
- Height  $h = 15 \text{ cm}$

## 3. Substitute the known values into the area formula:

$$450 = \frac{1}{2} \times (a + b) \times 15$$

## 4. Simplify the equation:

First, multiply both sides by 2 to eliminate the fraction:

$$900 = (a + b) \times 15$$

Now, divide both sides by 15:

$$a + b = \frac{900}{15}$$

## 5. Calculate $a + b$ :

$$a + b = 60 \text{ cm}$$