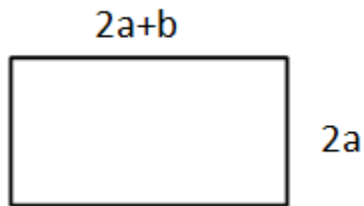


## Lesson 5: Transformation of Formulae

### Example 1:

- a. Given the following set up the equation for solving the area, A.



- b. If  $a = 2$  and the area, A is 32 solve for b.

We call the letter we are solving for the **subject of the formula**

### Example 2: Make x the subject of the formula

$$y = \frac{x}{2 - x}$$

Example 3: Express  $v$  in terms of  $f$  and  $u$ .

$$\frac{1}{u} + \frac{1}{v} = \frac{1}{f}$$