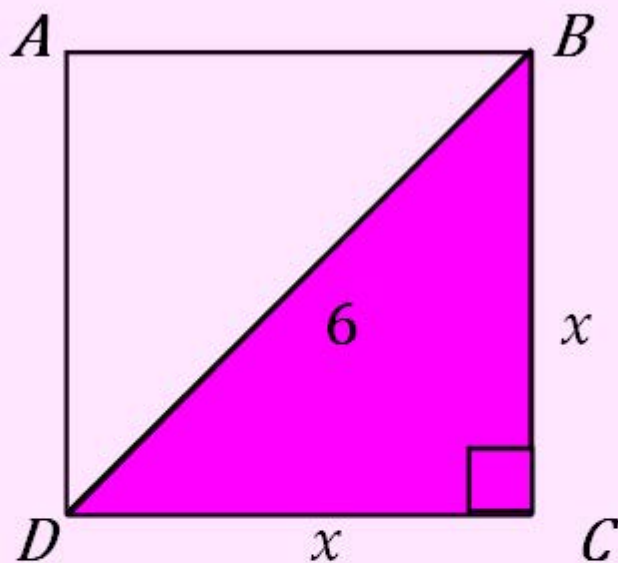


## Method 1



$$x^2 + x^2 = 6^2 \text{ (Pythagorean theorem)}$$

$$2x^2 = 36$$

$$x^2 = 18 \text{ (C) (Area of the square } x \times x = x^2)$$