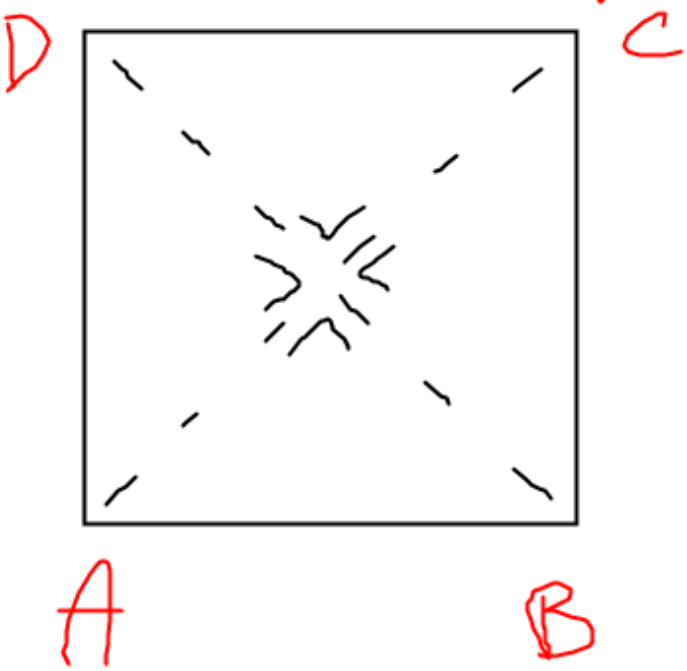
Area del quadrato



- 4 lati congruenti
- 4 angoli 90°
- lati // a 2 a 2
- diagonali $\cong$ e $\perp$ si tagliano a metà

$$A = b \cdot h = l \cdot l = l^2$$

$$l = \sqrt{A}$$

Formula inversa

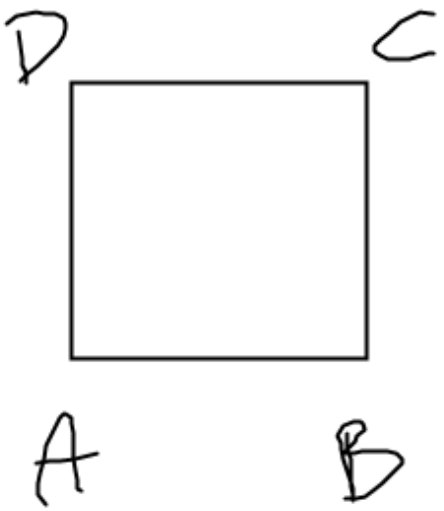
$2^2 = 4$ $\sqrt{2^2} = 2$

$3 \cdot 7 = 21$ $21 : 7 = 3$

$3^2 = 9$ $\sqrt{9} = \sqrt{3^2} = 3$

$9^2 = 81$ $\sqrt{81} =$

Esempio 1



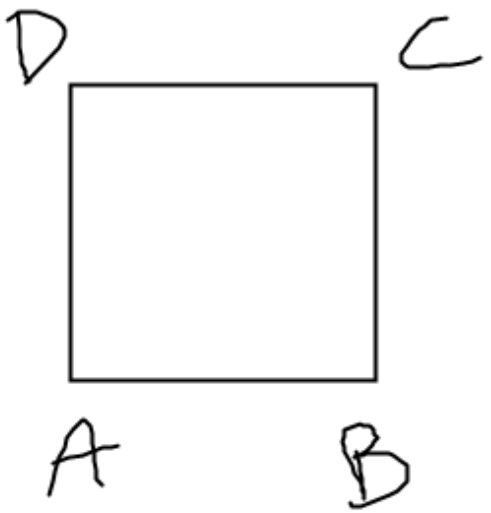
$l = 7\,cm$

$P = ?$

$A = ?$

$P = 4l = 4 \cdot 7 = 28\,cm;$

$A = l^2 = 7^2 = 49\,cm^2;$



Dati:

$p = 44$ cm

$A = ?$

$$\ell = \frac{44^{11}}{4_1} = 11 \text{ cm};$$

$$A = \ell^2 = 11^2 = 121 \text{ cm}^2.$$

Dati:

$A = 400 \text{ cm}^2$

$p = ?$