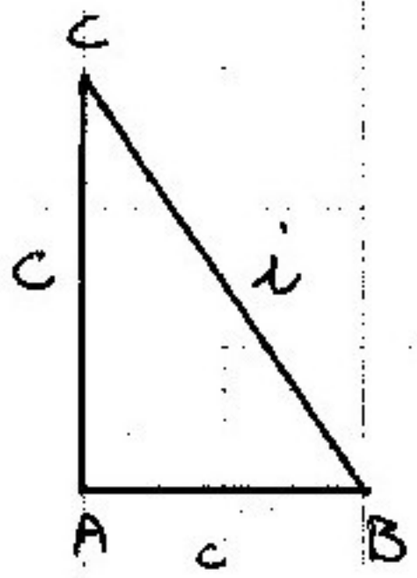
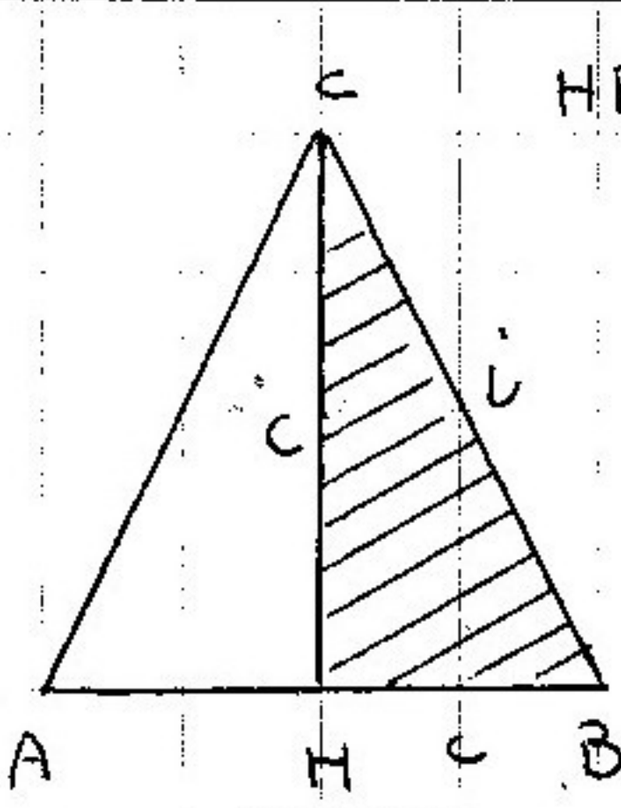
TEOREMA di PITAGORA



$$BC = \sqrt{AB^2 + AC^2}$$

$$AB = \sqrt{BC^2 - AC^2}$$

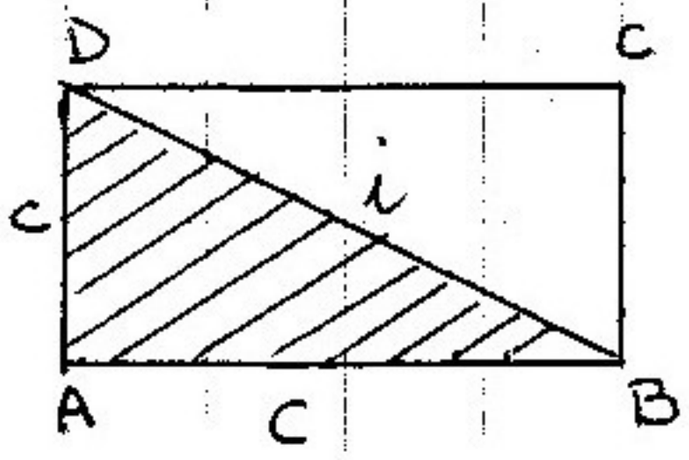
$$AC = \sqrt{BC^2 - AB^2}$$



$$BC = \sqrt{CH^2 + HB^2}$$

$$HB = \sqrt{CB^2 - CH^2}$$

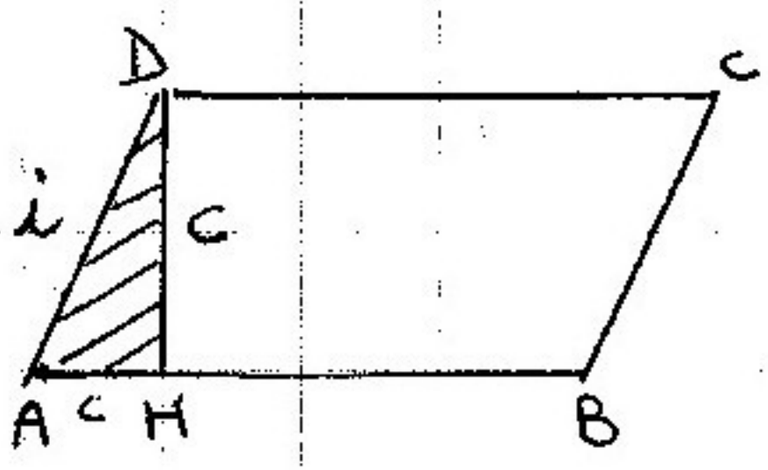
$$CH = \sqrt{CB^2 - HB^2}$$



$$BD = \sqrt{AB^2 + AD^2}$$

$$AB = \sqrt{BD^2 - AD^2}$$

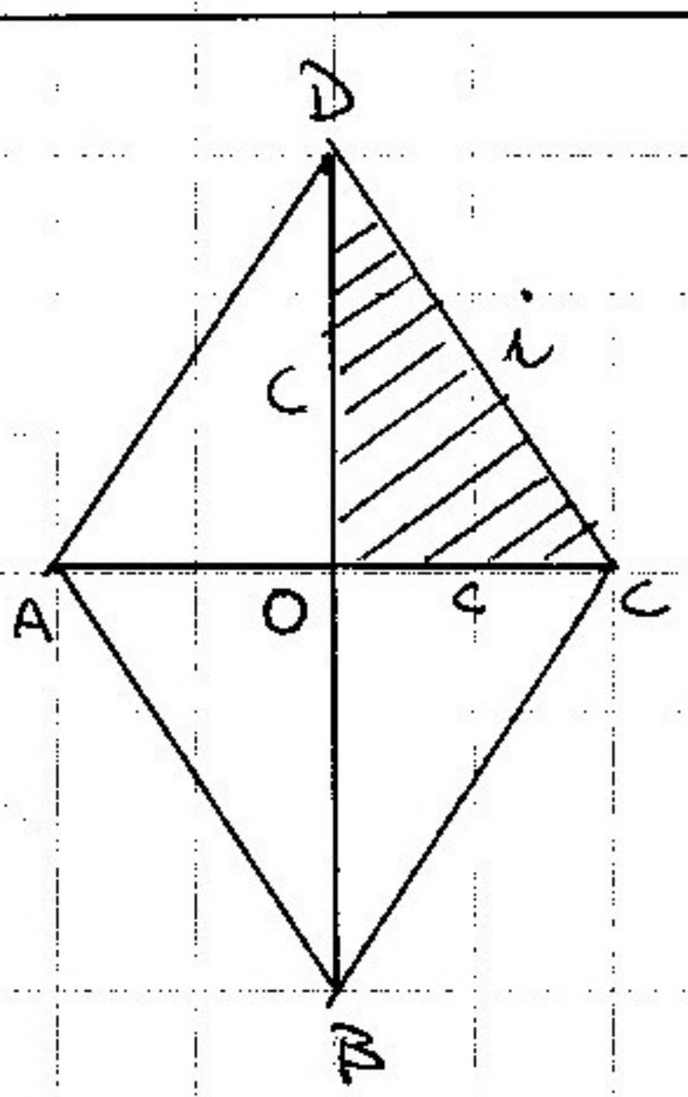
$$AD = \sqrt{BD^2 - AB^2}$$



$$AD = \sqrt{AH^2 + DH^2}$$

$$DH = \sqrt{AD^2 - AH^2}$$

$$AH = \sqrt{AD^2 - DH^2}$$

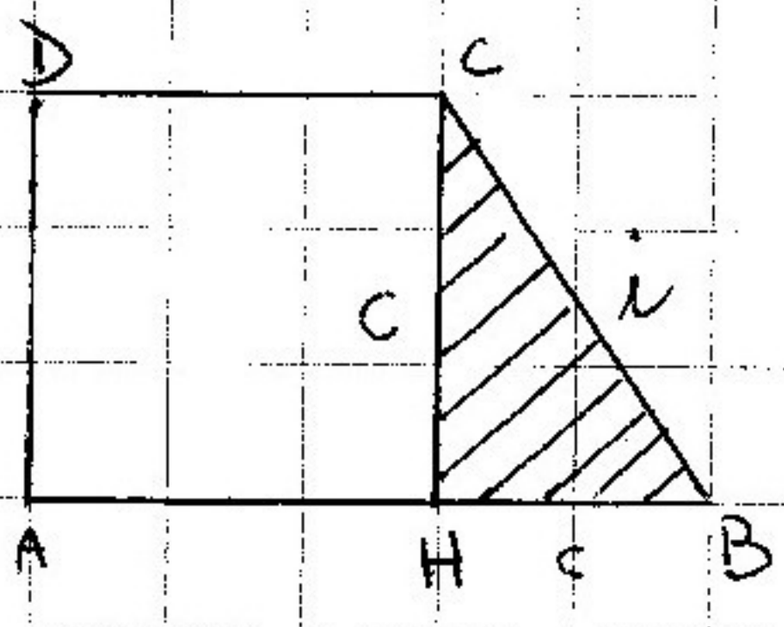


$$DO = \frac{DB}{2} \qquad OC = \frac{AC}{2}$$

$$DC = \sqrt{OC^2 + OD^2}$$

$$OC = \sqrt{DC^2 - OD^2}$$

$$OD = \sqrt{DC^2 - OC^2}$$

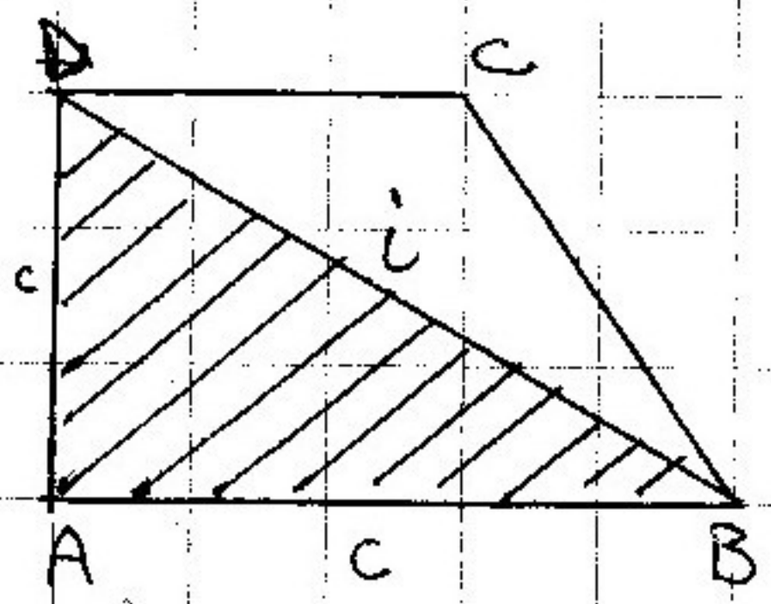


$$HB = AB - DC$$

$$BC = \sqrt{CH^2 + HB^2}$$

$$HB = \sqrt{BC^2 - CH^2}$$

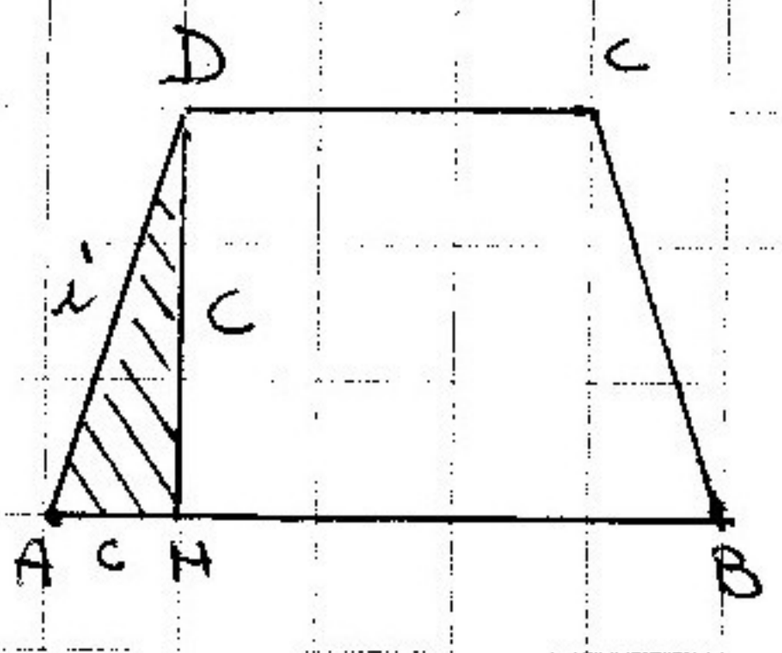
$$CH = \sqrt{BC^2 - HB^2}$$



$$BD = \sqrt{DA^2 + AB^2}$$

$$AB = \sqrt{DB^2 - DA^2}$$

$$DA = \sqrt{DB^2 - AB^2}$$

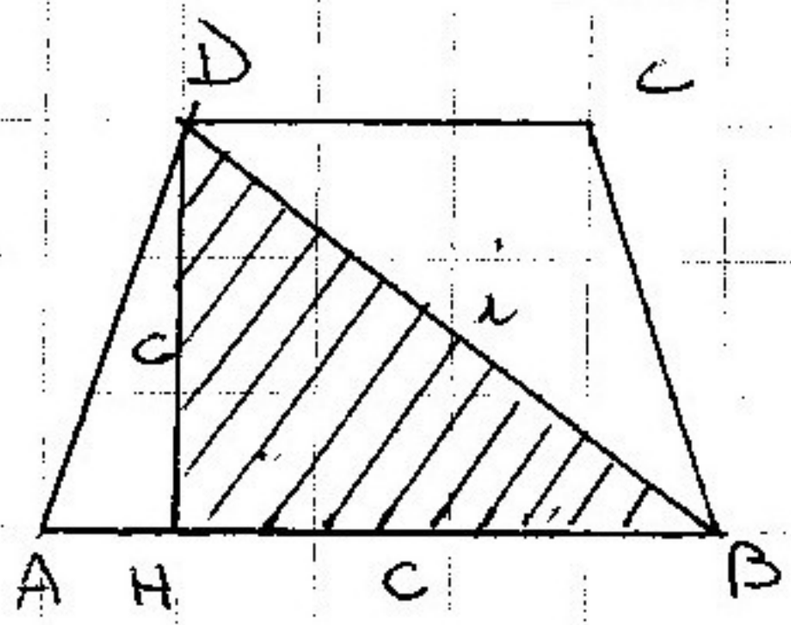


$$AH = \frac{AB - DC}{2}$$

$$DA = \sqrt{AH^2 + DH^2}$$

$$DH = \sqrt{AD^2 - AH^2}$$

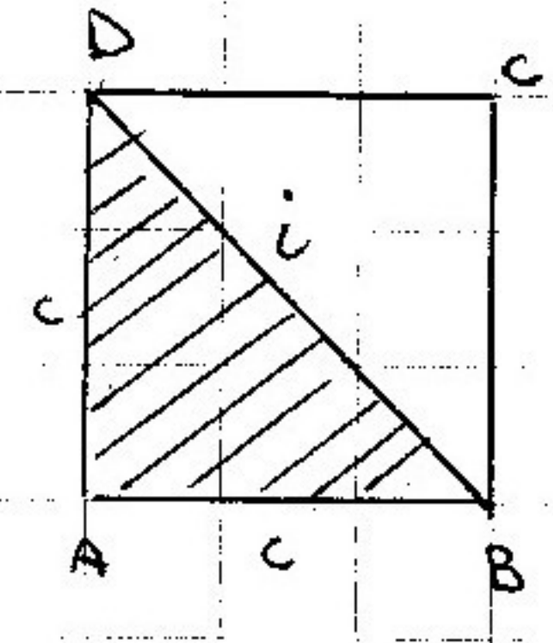
$$AH = \sqrt{AD^2 - DH^2}$$



$$DB = \sqrt{DH^2 + HB^2}$$

$$DH = \sqrt{DB^2 - HB^2}$$

$$HB = \sqrt{DB^2 - DH^2}$$



$$DB = \sqrt{AB^2 + AD^2}$$

$$AD = \sqrt{BD^2 - AB^2}$$

$$AB = \sqrt{BD^2 - AD^2}$$