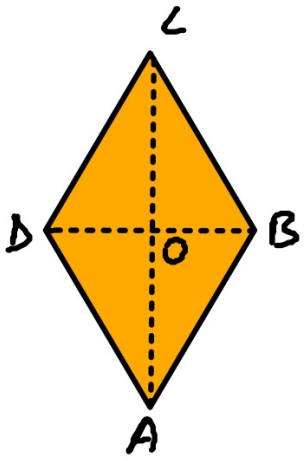
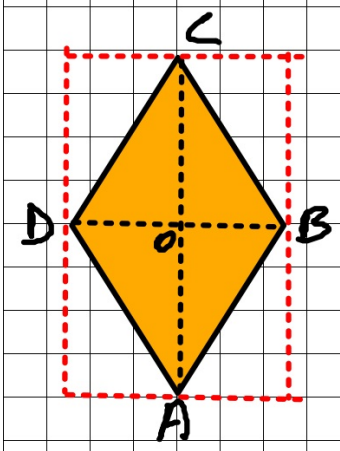


- $AB \cong BC \cong CD \cong DA$
- $\hat{A} \cong \hat{C}$
- $\hat{B} = \hat{D}$
- $AO \cong OC$
- $BO \cong OD$
- $AC \perp BD$
- $\hat{A} + \hat{B} = 180°$
  $\hat{B} + \hat{C} = 180°$
  $\hat{C} + \hat{D} = 180°$
  $\hat{D} + \hat{A} = 180°$

- $AB // CD$
- $BC // DA$

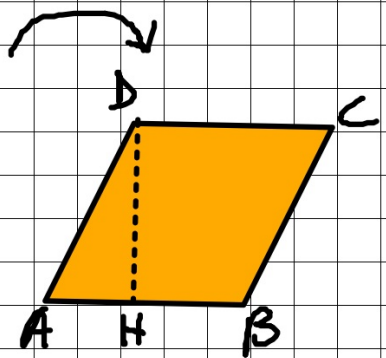
- $D\hat{A}O \cong B\hat{A}O$
  $C\hat{B}O \cong A\hat{B}O$
  $B\hat{C}O \cong D\hat{C}O$
  $A\hat{D}O \cong C\hat{D}O$



$$A = \frac{AC \cdot BD}{2}$$

$$AC = \frac{2 \cdot A}{BD}$$

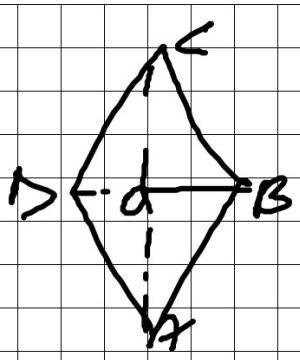
$$BD = \frac{2 \cdot A}{AC}$$



$$A = AB \cdot DH$$

$$AB = \frac{A}{DH}$$

$$DH = \frac{A}{AB}$$



$A = 234\ cm^2$ | BD

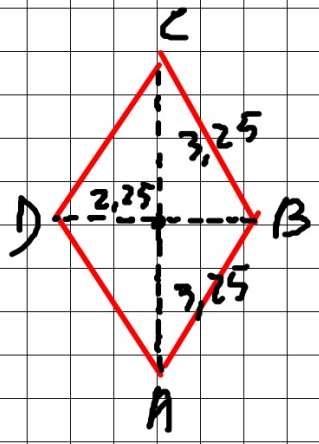
$AC = 26\ cm$

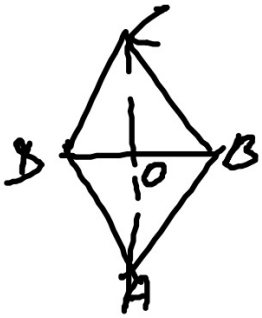
$$BD = \frac{A \cdot 2}{AC} = \frac{234 \cdot 8}{26} = 18\ cm$$

$1 : 4$

$18 : 4 = 9{,}5$

$26 : 4 = 6{,}5$





$A = 384\ cm^2$
$AC = \frac{4}{3} BD$

AC
BD

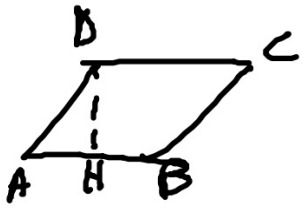
$$v^2 = \frac{A \cdot 2}{12} = \frac{384 \cdot 2}{12} = 64\ cm^2$$

$$v = \sqrt{v^2} = \sqrt{64} = 8\ cm$$

$AC = v \times 4 = 8 \times 4 = 32\ cm$

$BD = v \times 3 = 8 \times 3 = 24\ cm$

1 : 8



$A = 312\ cm^2$

$P = 48\ cm$

$DH = 26\ cm$

$AB = P : 4 = 48 : 4 = 12\ cm$

$DH = A : AB = 312 : 12 = 26\ cm$

NO DOPPIA AREA

1 : 4

16,5

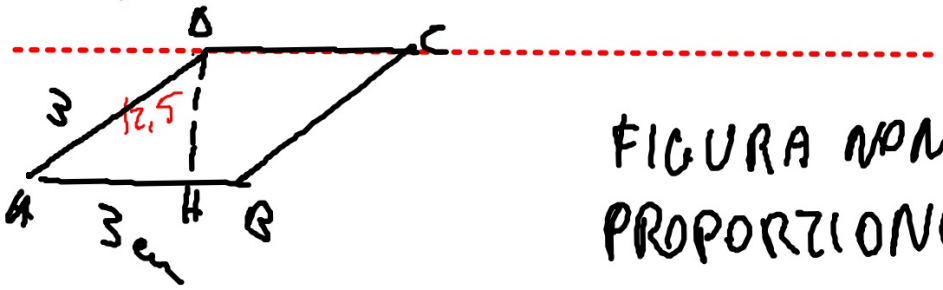


FIGURA NON IN PROPORZIONE