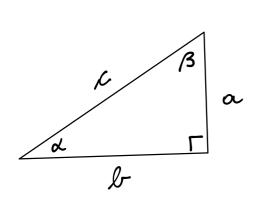
## 1 RIGONOMETRIA



$$b = c \cdot cos \alpha$$

$$0 = c \cdot sin \beta$$

$$0 = c \cdot cos \beta$$

$$d = \frac{\pi}{2} - \beta$$

ESERCIZI = Rischer i triangoli rettongoli [a 1907ENUSA]

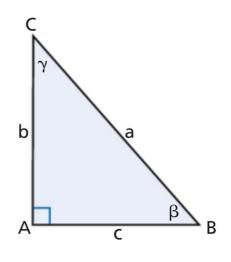
10 
$$a = 24;$$

$$\beta = 60^{\circ}$$
.

$$C = \alpha \cos \beta = 24 \cdot \cos 60^\circ = 24 \cdot \frac{1}{2} = 12$$

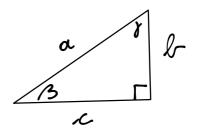
$$b = a \cdot \sin \beta = 24 \cdot \sin 60^\circ = 24 \cdot \frac{\sqrt{3}}{2} =$$

$$= 12\sqrt{3}$$



$$c = 15;$$

$$\beta = \arctan \frac{3}{5}$$



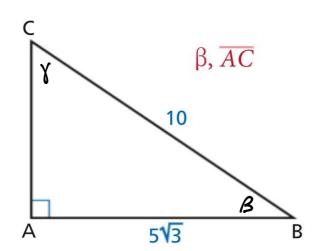
$$lr = c \cdot tom \beta = 15 \cdot tom \left(arcton \frac{3}{5}\right) = \frac{3}{5} = 9$$

$$Y = 90^\circ - autom \frac{3}{5} \stackrel{\sim}{=}$$

$$\approx 59^\circ$$

$$\alpha = \sqrt{9^2 + 15^2} = 17,49... \simeq 17,5$$





$$\cos B = \frac{\overrightarrow{AB}}{\overrightarrow{BC}} = \frac{5\sqrt{3}}{10} = \frac{\sqrt{3}}{2}$$

$$\overrightarrow{AC} = \overrightarrow{BC} \cdot \sin \beta =$$

$$= 10 \cdot \sin 30^{\circ} = 10 \cdot \frac{1}{7} = 5$$