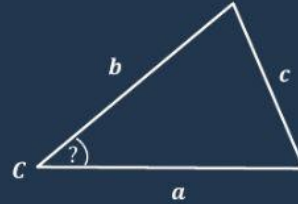
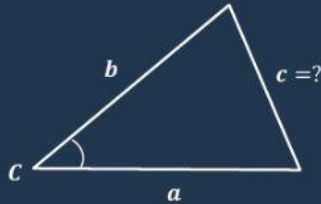


Lembar Kegiatan Siswa

ATURAN COSINUS

Tujuan:

Siswa dapat menyelesaikan masalah yang dapat diselesaikan menggunakan aturan cosinus, antara lain :

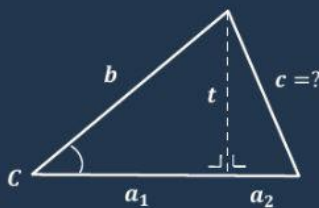
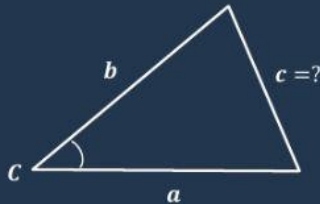


A. Prasyarat:



$$\cos \theta = \frac{\boxed{}}{\boxed{}}$$

B. Inti:



$$\cos C = \frac{a_1}{\boxed{}}$$

$$a_1 = \boxed{} \cdot \cos C$$

$$t^2 = b^2 - \boxed{}^2$$

$$a_2 = \boxed{} - a_1$$

$$c^2 = t^2 + a_2^2$$

$$c^2 = \boxed{} + (a - a_1)^2$$

$$c^2 = \boxed{} + (a - a_1)(a - a_1)$$

$$c^2 = b^2 - a_1^2 + a^2 - a \cdot a_1 - a \cdot a_1 + a_1^2$$

$$c^2 = b^2 + \boxed{}^2 - 2a \cdot a_1$$

$$c^2 = a^2 + b^2 - 2 \cdot a \cdot b \cdot \boxed{}$$