

|                  |   |  |
|------------------|---|--|
| <b>Nama</b>      | : |  |
| <b>Kelas</b>     | : |  |
| <b>No. Absen</b> | : |  |

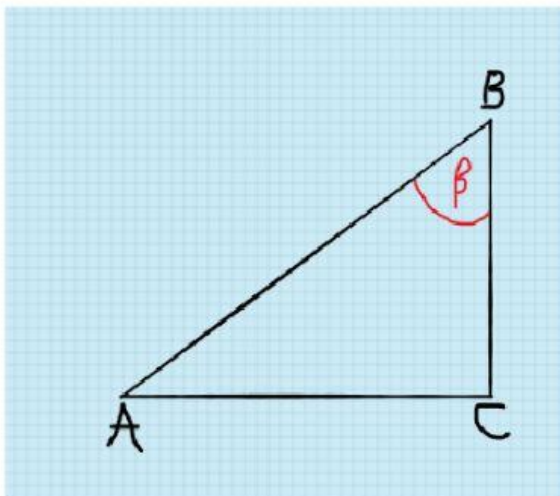
## LEMBAR KERJA PESERTA DIDIK

Berdasarkan konsep perbandingan trigonometri berikut:

|                                                                              |                                                                                            |
|------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| $\sin \alpha = \frac{a}{c} = \frac{\text{sisi depan}}{\text{sisi miring}}$   | $\operatorname{cosec} \alpha = \frac{c}{a} = \frac{\text{sisi miring}}{\text{sisi depan}}$ |
| $\cos \alpha = \frac{b}{c} = \frac{\text{sisi samping}}{\text{sisi miring}}$ | $\sec \alpha = \frac{c}{b} = \frac{\text{sisi miring}}{\text{sisi samping}}$               |
| $\tan \alpha = \frac{a}{b} = \frac{\text{sisi depan}}{\text{sisi samping}}$  | $\cotan \alpha = \frac{b}{a} = \frac{\text{sisi samping}}{\text{sisi depan}}$              |

Tentukan perbandingan trigonometri sudut  $\beta$  dalam segitiga ABC!

**Tentukan unsur segitiga ABC**



|                            |                                                                          |
|----------------------------|--------------------------------------------------------------------------|
| Sisi depan sudut $\beta$   | <div style="border: 1px solid green; height: 50px; width: 150px;"></div> |
| Sisi samping sudut $\beta$ | <div style="border: 1px solid green; height: 50px; width: 150px;"></div> |
| Hipotenusa                 | <div style="border: 1px solid green; height: 50px; width: 150px;"></div> |

## Aplikasikan untuk perbandingan trigonometri

### NOTE

$$\sin \beta = \frac{\boxed{\phantom{000}}}{\boxed{\phantom{000}}}$$

$$\cos \beta = \frac{\boxed{\phantom{000}}}{\boxed{\phantom{000}}}$$

$$\tan \beta = \frac{\boxed{\phantom{000}}}{\boxed{\phantom{000}}}$$

$$\operatorname{cosec} \beta = \frac{\boxed{\phantom{000}}}{\boxed{\phantom{000}}}$$

**NOTE**

Sec  $\beta$  =  $\frac{\boxed{\phantom{000000}}}{\boxed{\phantom{000000}}}$

Cotan  $\beta$  =  $\frac{\boxed{\phantom{000000}}}{\boxed{\phantom{000000}}}$

NILAI