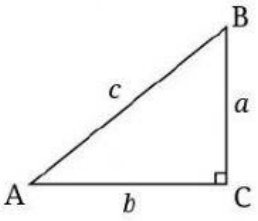
Nama:

Kelas:

Hari/Tanggal:

Perhatikan Segitiga Siku-Siku ABC berikut ini:

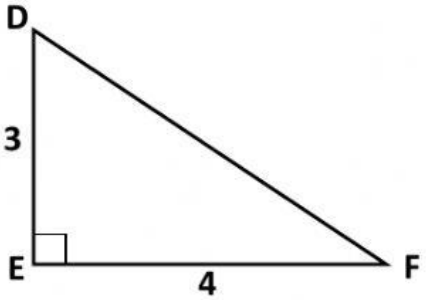


Perbandingan Trigonometri pada Segitiga Siku-Siku diperoleh:

1. $\frac{BC}{AB} = \frac{a}{c} = \boldsymbol{sin\ A}$ **2.** $\frac{AC}{AB} = \frac{b}{c} = \boldsymbol{cos\ A}$ **3.** $\frac{BC}{AC} = \frac{a}{b} = \boldsymbol{tan\ A}$	**4.** $\frac{AB}{BC} = \frac{c}{a} = \mathbf{cosec}\ \boldsymbol{A}$ **5.** $\frac{AB}{AC} = \frac{c}{b} = \mathbf{sec}\ \boldsymbol{A}$ **6.** $\frac{AC}{BC} = \frac{b}{a} = \boldsymbol{cot\ A}$

Jawablah pertanyaan berikut!

1. Diketahui Segitiga Siku-siku DEF



Hitung panjang sisi DF dan nilai dari sin F, cos F, tan F, cosec F, sec F, dan cot F dari sudut yang diketahui pada segitiga tersebut!

Panjang sisi DF =

$\sin F =$

$\cos\ F =$

$\tan\ F =$

$\mathrm{cosec}\ F =$

$\sec F =$

$\cot F =$

LIVEWORKSHEETS