

三角比の復習

年 組 号

氏名 _____

サイン コサイン タンジェント
sin, cos, tan

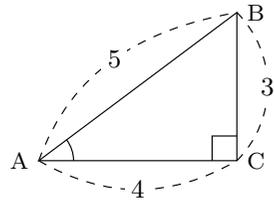
• $\sin A = \frac{\text{縦}}{\text{斜め}}$

• $\cos A = \frac{\text{横}}{\text{斜め}}$

• $\tan A = \frac{\text{縦}}{\text{横}}$

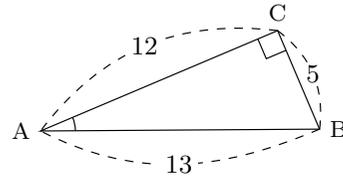
1 次の直角三角形 ABC で、 $\sin A$, $\cos A$, $\tan A$ の値を求めなさい。

(1)



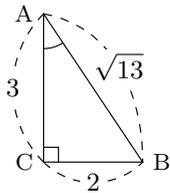
$\sin A = \square$, $\cos A = \square$,
 $\tan A = \square$

(2)



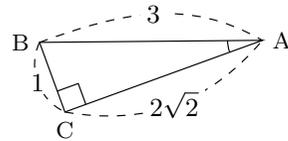
$\sin A = \square$, $\cos A = \square$,
 $\tan A = \square$

(3)



$\sin A = \square$, $\cos A = \square$,
 $\tan A = \square$

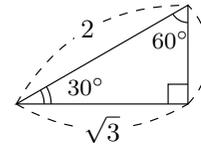
(4)



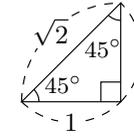
$\sin A = \square$, $\cos A = \square$,
 $\tan A = \square$

2 次の直角三角形を用いて 30° , 45° , 60° の \sin , \cos , \tan の値を求めなさい。

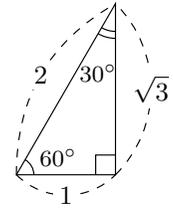
※注 30° , 45° , 60° については三角比の表を使ってはいけない



$\sin 30^\circ = \square$
 $\cos 30^\circ = \square$
 $\tan 30^\circ = \square$



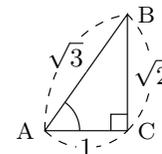
$\sin 45^\circ = \square$
 $\cos 45^\circ = \square$
 $\tan 45^\circ = \square$



$\sin 60^\circ = \square$
 $\cos 60^\circ = \square$
 $\tan 60^\circ = \square$

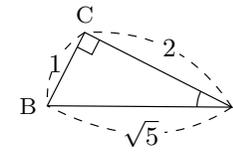
3 次の直角三角形 ABC で、 $\sin A$, $\cos A$, $\tan A$ の値を求めなさい。

(1)



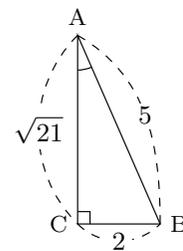
$\sin A = \square$
 $\cos A = \square$
 $\tan A = \square$

(2)



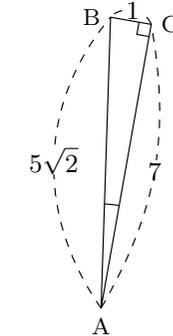
$\sin A = \square$
 $\cos A = \square$
 $\tan A = \square$

(3)



$\sin A = \square$
 $\cos A = \square$
 $\tan A = \square$

(4)



$\sin A = \square$
 $\cos A = \square$
 $\tan A = \square$

勉強会 1 (1) $\frac{\sqrt{5}}{2}$, $\frac{3}{2}$, $\frac{3}{\sqrt{5}}$ (2) $\frac{3}{\sqrt{7}}$, $\frac{4}{3}$, $\frac{4}{3\sqrt{7}}$ (3) $\frac{5}{\sqrt{5}}$, $\frac{5}{2\sqrt{5}}$, $\frac{5}{2}$ (4) $\frac{4}{5}$, $\frac{4}{\sqrt{41}}$, $\frac{4}{5\sqrt{41}}$

