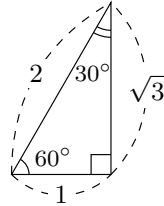
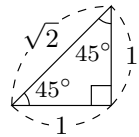
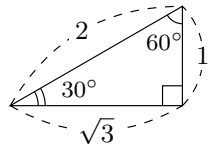


氏名 _____

■ 三角比の拡張

- $\sin A = \frac{\text{縦}}{\text{斜め}}$
- $\cos A = \frac{\text{横}}{\text{斜め}}$
- $\tan A = \frac{\text{縦}}{\text{横}}$

1 (復習) 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。



$\sin 30^\circ =$

$\cos 30^\circ =$

$\tan 30^\circ =$

$\sin 45^\circ =$

$\cos 45^\circ =$

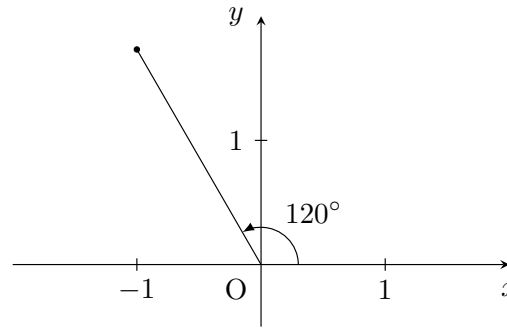
$\tan 45^\circ =$

$\sin 60^\circ =$

$\cos 60^\circ =$

$\tan 60^\circ =$

■ 120° の三角比

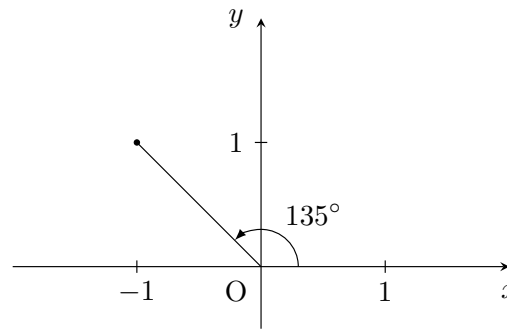


$\sin 120^\circ =$

$\cos 120^\circ =$

$\tan 120^\circ =$

■ 135° の三角比

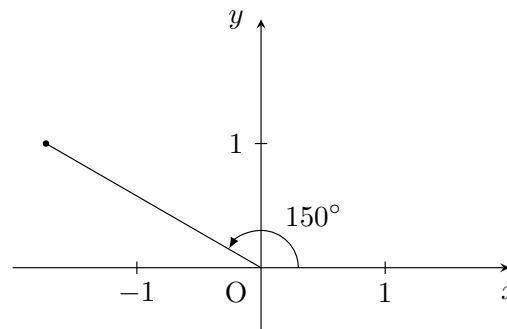


$\sin 135^\circ =$

$\cos 135^\circ =$

$\tan 135^\circ =$

■ 150° の三角比



$\sin 150^\circ =$

$\cos 150^\circ =$

$\tan 150^\circ =$

$\sin 150^\circ = \frac{1}{2}, \cos 150^\circ = \frac{-\sqrt{3}}{2}, \tan 150^\circ = \frac{-1}{\sqrt{3}}$