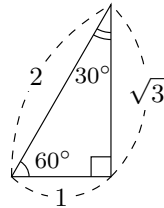
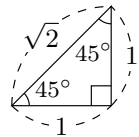
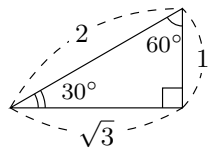


氏名 \_\_\_\_\_

■ 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、 $30^\circ$ 、 $45^\circ$ 、 $60^\circ$  の  $\sin$ 、 $\cos$ 、 $\tan$  の値を求めなさい。



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

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

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

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

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

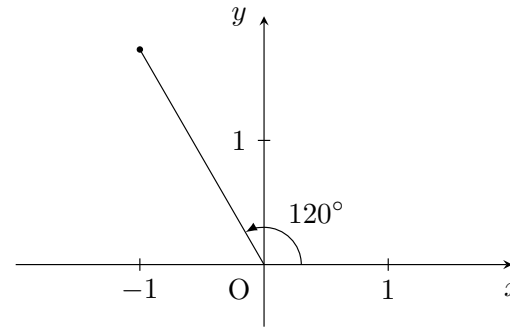
$$\tan 45^\circ = \square$$

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

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

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

■  $120^\circ$  の三角比

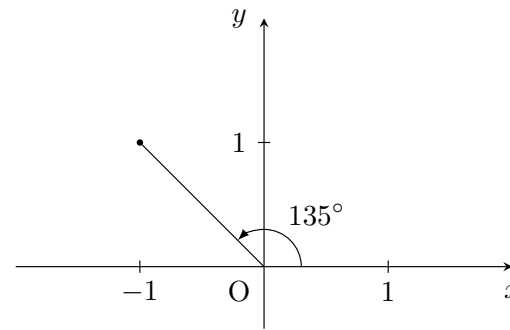


$$\sin 120^\circ = \square$$

$$\cos 120^\circ = \square$$

$$\tan 120^\circ = \square$$

■  $135^\circ$  の三角比

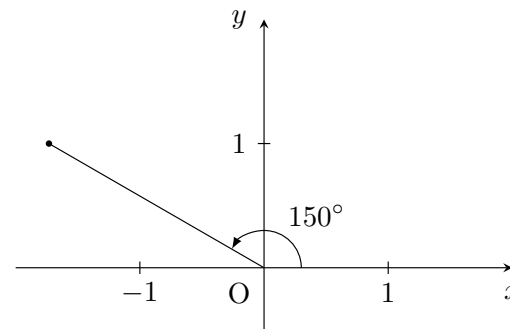


$$\sin 135^\circ = \square$$

$$\cos 135^\circ = \square$$

$$\tan 135^\circ = \square$$

■  $150^\circ$  の三角比



$$\sin 150^\circ = \square$$

$$\cos 150^\circ = \square$$

$$\tan 150^\circ = \square$$

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