

FONCTIONS TRIGONOMÉTRIQUES

Angles associés

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<https://bit.ly/3Zd2VZN>



1. Calcule les nombres suivants en indiquant les étapes :



$$(1) \cos(-30^\circ) = \frac{\sqrt{3}}{2}$$

$$(2) \sin \frac{5\pi}{6} = \frac{1}{2}$$

$$(3) \tan 750^\circ = \frac{\sqrt{3}}{3}$$

$$(4) \sin \frac{7\pi}{4} = -\frac{\sqrt{2}}{2}$$

$$(5) \cot 210^\circ = \sqrt{3}$$

$$(6) \sin 405^\circ = \frac{\sqrt{2}}{2}$$

$$(7) \cos 120^\circ = -\frac{1}{2}$$

$$(8) \tan \frac{3\pi}{2} = \textcolor{blue}{\cancel{A}}$$

$$(9) \sin \frac{13\pi}{6} = \textcolor{blue}{\frac{1}{2}}$$

$$(10) \cos \frac{4\pi}{3} = \textcolor{blue}{-\frac{1}{2}}$$

$$(11) \cot(-750^\circ) = \textcolor{blue}{-\sqrt{3}}$$

$$(12) \sin 225^\circ = \textcolor{blue}{-\frac{\sqrt{2}}{2}}$$

$$(13) \tan 120^\circ = \textcolor{blue}{-\sqrt{3}}$$

$$(14) \cos \frac{11\pi}{6} = \textcolor{blue}{\frac{\sqrt{3}}{2}}$$