

三角比 鈍角（16問） 版Dの答え

※ 鈍角では $\cos \theta$ と $\tan \theta$ が負になります。符号を見てください。

$$\begin{aligned}(1) \cos 90^\circ \\ = 0\end{aligned}$$

$$\begin{aligned}(2) \sin 135^\circ \\ = \sqrt{2}/2\end{aligned}$$

$$\begin{aligned}(3) \tan 150^\circ \\ = -\sqrt{3}/3\end{aligned}$$

$$\begin{aligned}(4) \sin \theta = 3/5 \text{ (}\theta \text{ は鈍角) のとき、} \\ \cos \theta \\ = -4/5\end{aligned}$$

$$\begin{aligned}(5) \sin \theta = 8/17 \text{ (}\theta \text{ は鈍角) のとき、} \\ \tan \theta \\ = -8/15\end{aligned}$$

$$\begin{aligned}(6) \sin \theta = 1/4 \text{ (}\theta \text{ は鈍角) のとき、} \\ \cos \theta \\ = -\sqrt{15}/4\end{aligned}$$

$$\begin{aligned}(7) \sin \theta = 3/5 \text{ (}\theta \text{ は鈍角) のとき、} \\ \tan \theta \\ = -3/4\end{aligned}$$

$$\begin{aligned}(8) \sin \theta = 7/25 \text{ (}\theta \text{ は鈍角) のとき、} \\ \cos \theta \\ = -24/25\end{aligned}$$

$$\begin{aligned}(9) \cos 120^\circ \\ = -1/2\end{aligned}$$

$$\begin{aligned}(10) \tan 180^\circ \\ = 0\end{aligned}$$

$$\begin{aligned}(11) \sin \theta = 7/25 \text{ (}\theta \text{ は鈍角) のとき、} \\ \tan \theta \\ = -7/24\end{aligned}$$

$$\begin{aligned}(12) \sin \theta = 3/4 \text{ (}\theta \text{ は鈍角) のとき、} \\ \tan \theta \\ = -3\sqrt{7}/7\end{aligned}$$

$$\begin{aligned}(13) \sin \theta = 1/3 \text{ (}\theta \text{ は鈍角) のとき、} \\ \cos \theta \\ = -2\sqrt{2}/3\end{aligned}$$

$$\begin{aligned}(14) \cos 135^\circ \\ = -\sqrt{2}/2\end{aligned}$$

$$\begin{aligned}(15) \sin \theta = 1/3 \text{ (}\theta \text{ は鈍角) のとき、} \\ \tan \theta \\ = -\sqrt{2}/4\end{aligned}$$

$$\begin{aligned}(16) \sin \theta = 1/4 \text{ (}\theta \text{ は鈍角) のとき、} \\ \tan \theta \\ = -\sqrt{15}/15\end{aligned}$$