

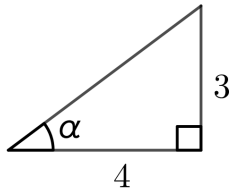
5.1. 三角比の基本 No1

(1) $\sin\alpha$, $\cos\alpha$, $\tan\alpha$ を求めよ。

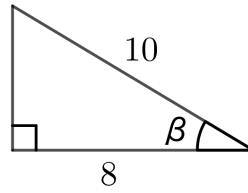
(2) $\sin\beta$, $\cos\beta$, $\tan\beta$ を求めよ。

(3) $\sin\gamma$, $\cos\gamma$, $\tan\gamma$ を求めよ。

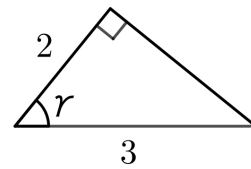
(1)



(2)



(3)



5.1. 三角比の基本 No1 解答

$$(1) \sin\alpha = \frac{3}{5}, \cos\alpha = \frac{4}{5}, \tan\alpha = \frac{3}{4}$$

$$(2) \sin\beta = \frac{3}{5}, \cos\beta = \frac{4}{5}, \tan\beta = \frac{3}{4}$$

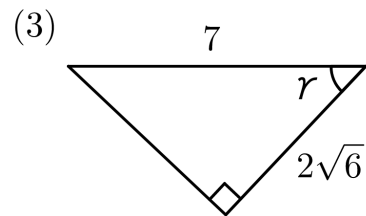
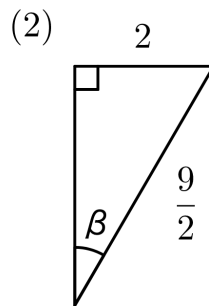
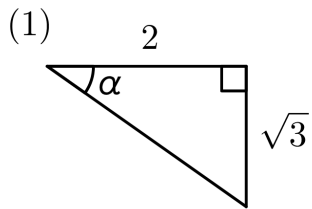
$$(3) \sin\gamma = \frac{\sqrt{5}}{3}, \cos\gamma = \frac{2}{3}, \tan\gamma = \frac{\sqrt{5}}{2}$$

5.1. 三角比の基本 No2

(1) $\sin\alpha$, $\cos\alpha$, $\tan\alpha$ を求めよ。

(2) $\sin\beta$, $\cos\beta$, $\tan\beta$ を求めよ。

(3) $\sin\gamma$, $\cos\gamma$, $\tan\gamma$ を求めよ。



5.1. 三角比の基本 No2 解答

$$(1) \sin\alpha = \frac{\sqrt{21}}{7}, \cos\alpha = \frac{2\sqrt{7}}{7}, \tan\alpha = \frac{\sqrt{3}}{2}$$

$$(2) \sin\beta = \frac{4}{9}, \cos\beta = \frac{\sqrt{65}}{9}, \tan\beta = \frac{4\sqrt{65}}{65}$$

$$(3) \sin\gamma = \frac{5}{7}, \cos\gamma = \frac{2\sqrt{6}}{7}, \tan\gamma = \frac{5\sqrt{6}}{12}$$