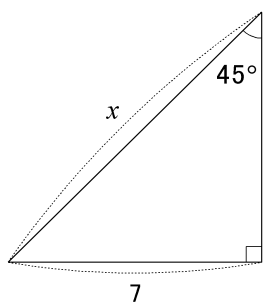


三角定規(1) 45度 45度 90度

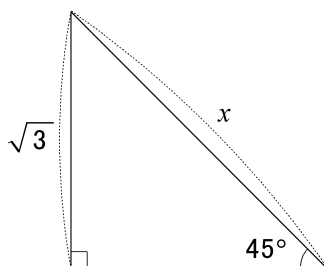
例題 x の長さを求めよ。

(1)



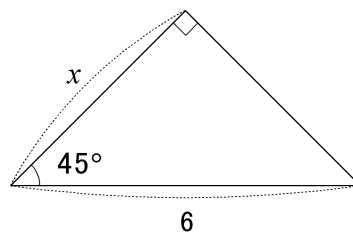
答

(2)



答

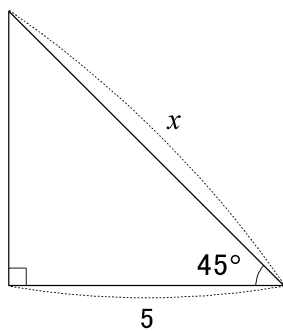
(3)



答

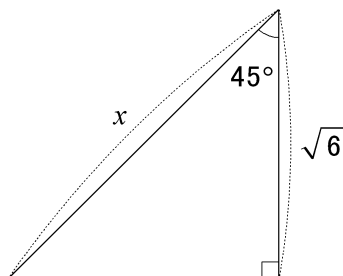
練習 x の長さを求めよ。

(1)



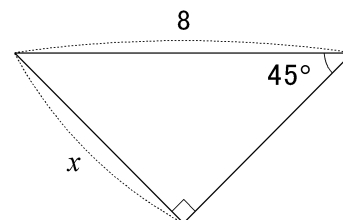
答

(2)



答

(3)

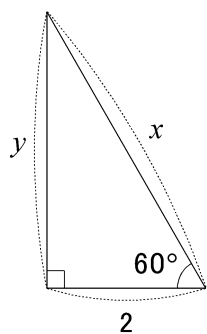


答

三角定規(2) 30度 60度 90度

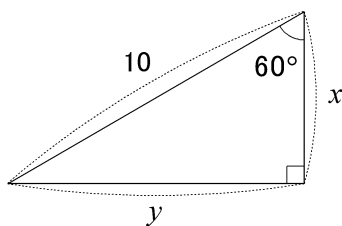
例題 x, y の長さを求めよ。

(1)



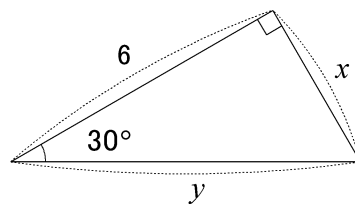
答	$x =$
	$y =$

(2)



答	$x =$
	$y =$

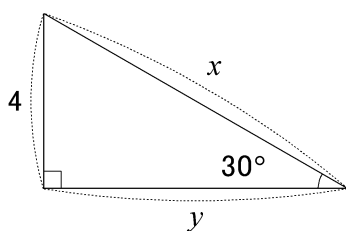
(3)



答	$x =$
	$y =$

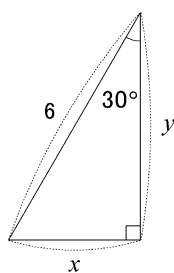
練習 x, y の長さを求めよ。

(1)



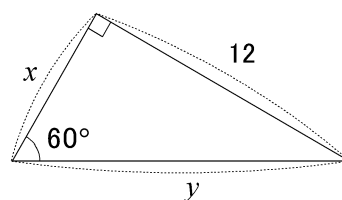
答	$x =$
	$y =$

(2)



答	$x =$
	$y =$

(3)

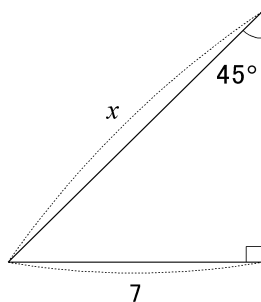


答	$x =$
	$y =$

三角定規(1) 45度 45度 90度

例題 x の長さを求めよ。

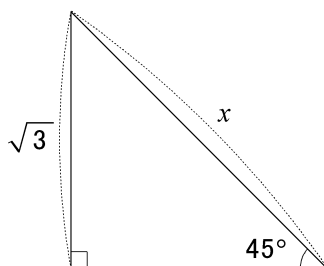
(1)



★
 $x:7 = \sqrt{2}:1$
 $x = 7\sqrt{2}$

答 $7\sqrt{2}$

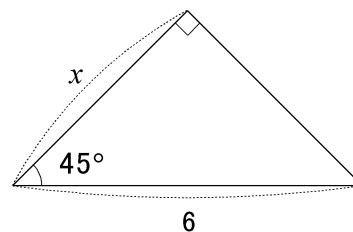
(2)



★
 $x:\sqrt{3} = \sqrt{2}:1$
 $x = \sqrt{3} \times \sqrt{2}$
 $x = \sqrt{6}$

答 $\sqrt{6}$

(3)

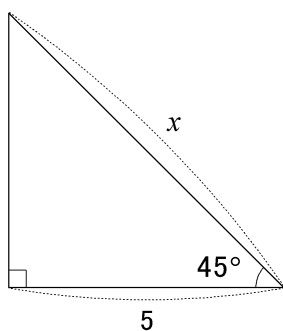


★
 $x:6 = 1:\sqrt{2}$
 $\sqrt{2}x = 6$
 $x = \frac{6}{\sqrt{2}}$
 $x = 3\sqrt{2}$

答 $3\sqrt{2}$

練習 x の長さを求めよ。

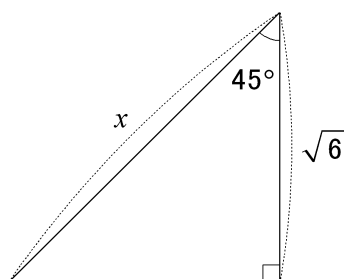
(1)



★
 $x:5 = \sqrt{2}:1$
 $x = 5\sqrt{2}$

答 $5\sqrt{2}$

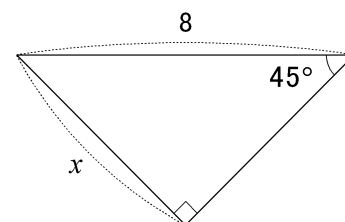
(2)



★
 $x:\sqrt{6} = \sqrt{2}:1$
 $x = \sqrt{6} \times \sqrt{2}$
 $x = \sqrt{12}$
 $= 2\sqrt{3}$

答 $2\sqrt{3}$

(3)



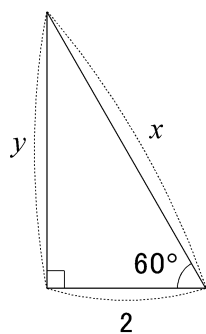
★
 $x:8 = 1:\sqrt{2}$
 $\sqrt{2}x = 8$
 $x = \frac{8}{\sqrt{2}}$
 $x = 4\sqrt{2}$

答 $4\sqrt{2}$

三角定規(2) 30度 60度 90度

例題 x, y の長さを求めよ。

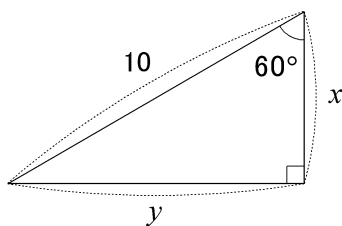
(1)



★
 $x:2=2:1$
 $x=4$
 $y:2=1:\sqrt{3}$
 $y=2\sqrt{3}$

答	$x=$	4
	$y=$	$2\sqrt{3}$

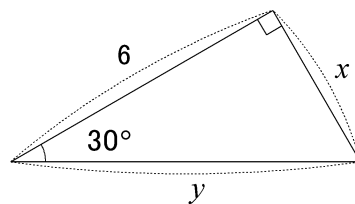
(2)



★
 $x:10=1:2$
 $2x=10$
 $x=5$
 $y:10=2:\sqrt{3}$
 $2y=10\sqrt{3}$
 $y=5\sqrt{3}$

答	$x=$	5
	$y=$	$5\sqrt{3}$

(3)

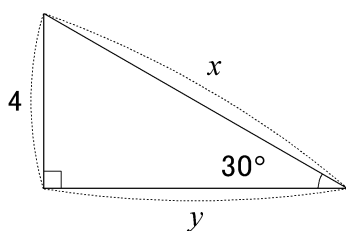


★
 $x:6=1:\sqrt{3}$
 $\sqrt{3}x=6$
 $x=\frac{6}{\sqrt{3}}$
 $x=2\sqrt{3}$
 $y:6=2:\sqrt{3}$
 $\sqrt{3}y=12$
 $y=\frac{12}{\sqrt{3}}$
 $y=4\sqrt{3}$

答	$x=$	$2\sqrt{3}$
	$y=$	$4\sqrt{3}$

練習 x, y の長さを求めよ。

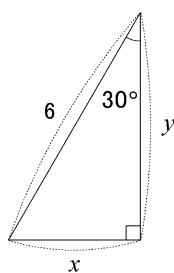
(1)



★
 $x:4=1:2$
 $x=4$
 $y:4=1:\sqrt{3}$
 $y=4\sqrt{3}$

答	$x=$	4
	$y=$	$4\sqrt{3}$

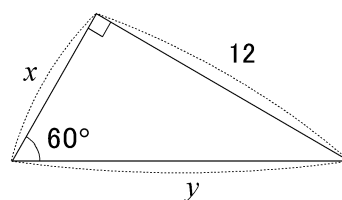
(2)



★
 $x:6=1:2$
 $2x=6$
 $x=3$
 $y:6=1:\sqrt{3}$
 $2y=6\sqrt{3}$
 $y=3\sqrt{3}$

答	$x=$	3
	$y=$	$3\sqrt{3}$

(3)



★
 $x:12=1:\sqrt{3}$
 $\sqrt{3}x=12$
 $x=\frac{12}{\sqrt{3}}$
 $x=4\sqrt{3}$
 $y:12=2:\sqrt{3}$
 $\sqrt{3}y=24$
 $y=\frac{24}{\sqrt{3}}$
 $y=8\sqrt{3}$

答	$x=$	$4\sqrt{3}$
	$y=$	$8\sqrt{3}$