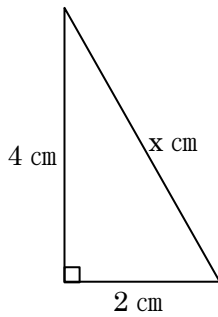


9-7-1 三平方の定理の基本

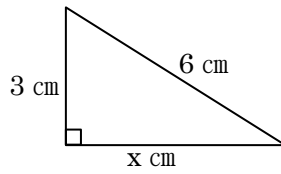
Point

例1 次の図で x の値を求めなさい。

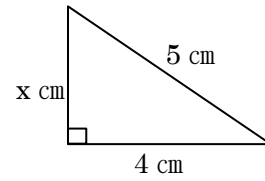
①



②

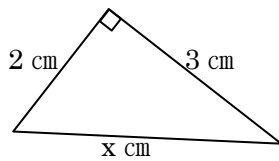


③

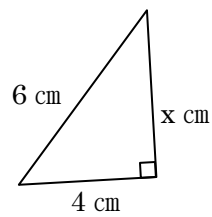


1 次の図で x の値を求めなさい。

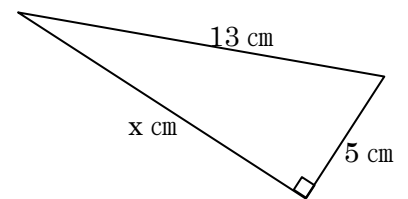
①



②



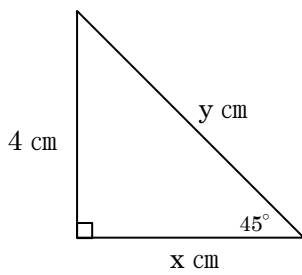
③



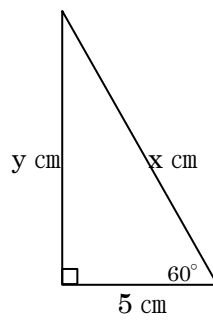
Point

例2 次の図で x , y の値を求めなさい。

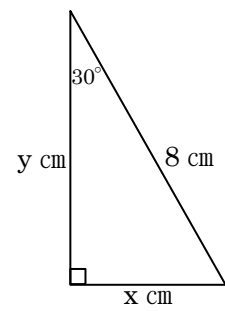
①



②

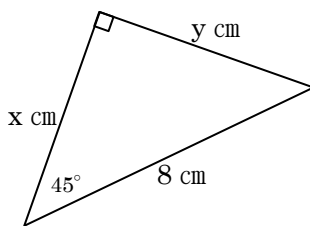


③

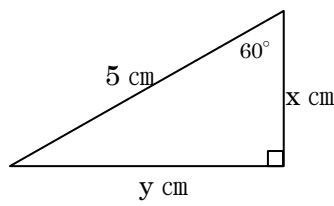


2 次の図で x の値を求めなさい。

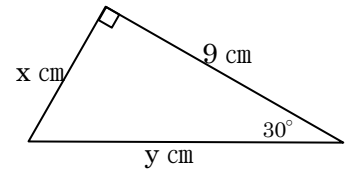
①



②

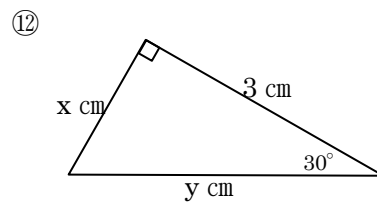
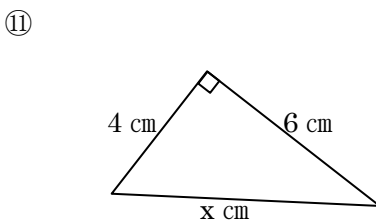
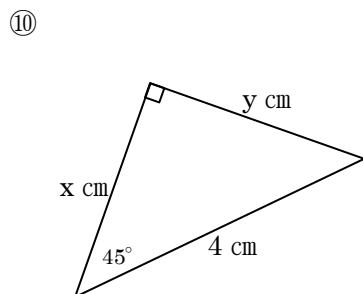
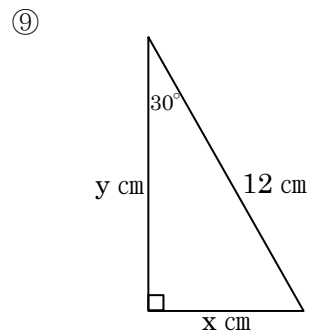
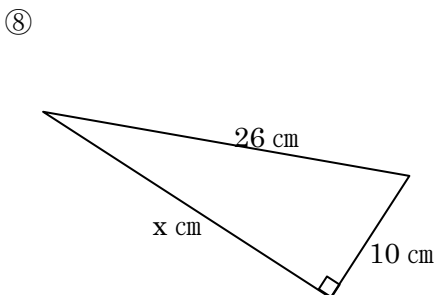
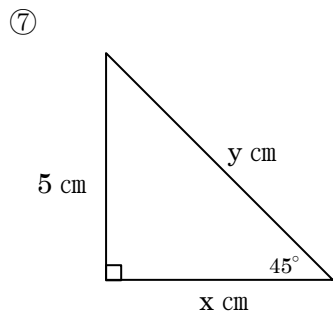
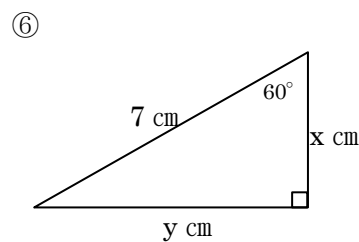
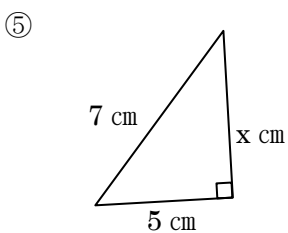
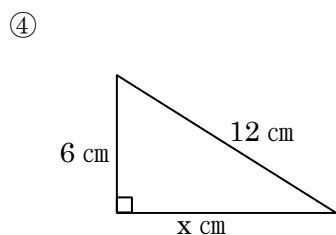
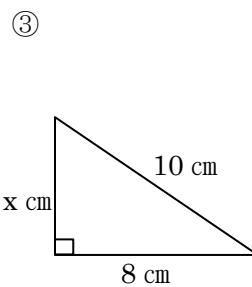
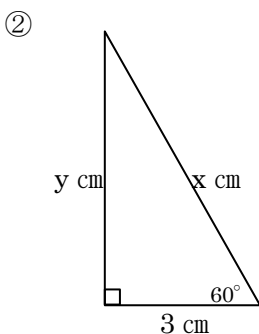
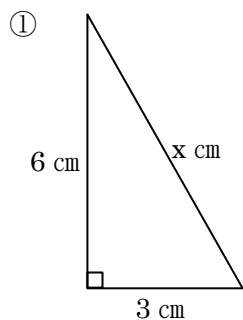


③



宿題

1 次の図で x , y の値を求めなさい。



宿題解答

①

① $x=3\sqrt{5}$ ② $x=6, y=3\sqrt{3}$ ③ $x=6$

④ $x=6\sqrt{3}$ ⑤ $x=2\sqrt{6}$ ⑥ $x=\frac{7}{2}, y=\frac{7\sqrt{3}}{2}$

⑦ $x=5\sqrt{2}, y=5\sqrt{2}$ ⑧ $x=24$ ⑨ $x=6, y=6\sqrt{3}$

⑩ $x=2\sqrt{2}, y=2\sqrt{2}$ ⑪ $x=2\sqrt{13}$ ⑫ $x=\sqrt{3}, y=2\sqrt{3}$