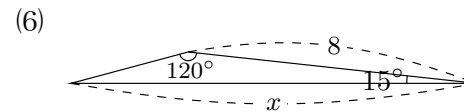
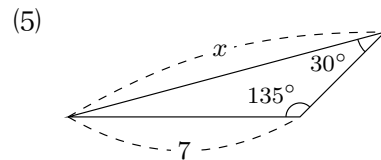
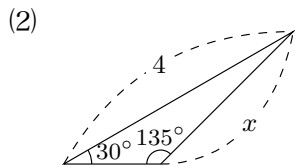
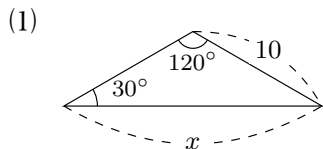


$$\frac{\text{角度の向かい側にある辺の長さ}}{\sin \text{角度}} = \frac{\text{角度の向かい側にある辺の長さ}}{\sin \text{角度}}$$

2 次の三角形の辺の長さ x を求めなさい。



$$\sin 150^\circ = \frac{1}{2}, \cos 150^\circ = -\frac{\sqrt{3}}{2}, \tan 150^\circ = -\frac{1}{\sqrt{3}}$$

$$\sin 30^\circ = \frac{1}{2}, \sin 45^\circ = \frac{\sqrt{2}}{2}, \sin 60^\circ = \frac{\sqrt{3}}{2}, \cos 30^\circ = \frac{\sqrt{3}}{2}, \cos 45^\circ = \frac{\sqrt{2}}{2}, \cos 60^\circ = \frac{1}{2}, \cos 90^\circ = 0, \cos 120^\circ = -\frac{1}{2}, \cos 135^\circ = -\frac{\sqrt{2}}{2}, \cos 150^\circ = -\frac{\sqrt{3}}{2}, \tan 30^\circ = \frac{1}{\sqrt{3}}, \tan 45^\circ = 1, \tan 60^\circ = \sqrt{3}, \tan 90^\circ \text{ is undefined}, \tan 120^\circ = -\sqrt{3}, \tan 135^\circ = -1, \tan 150^\circ = -\frac{1}{\sqrt{3}}$$