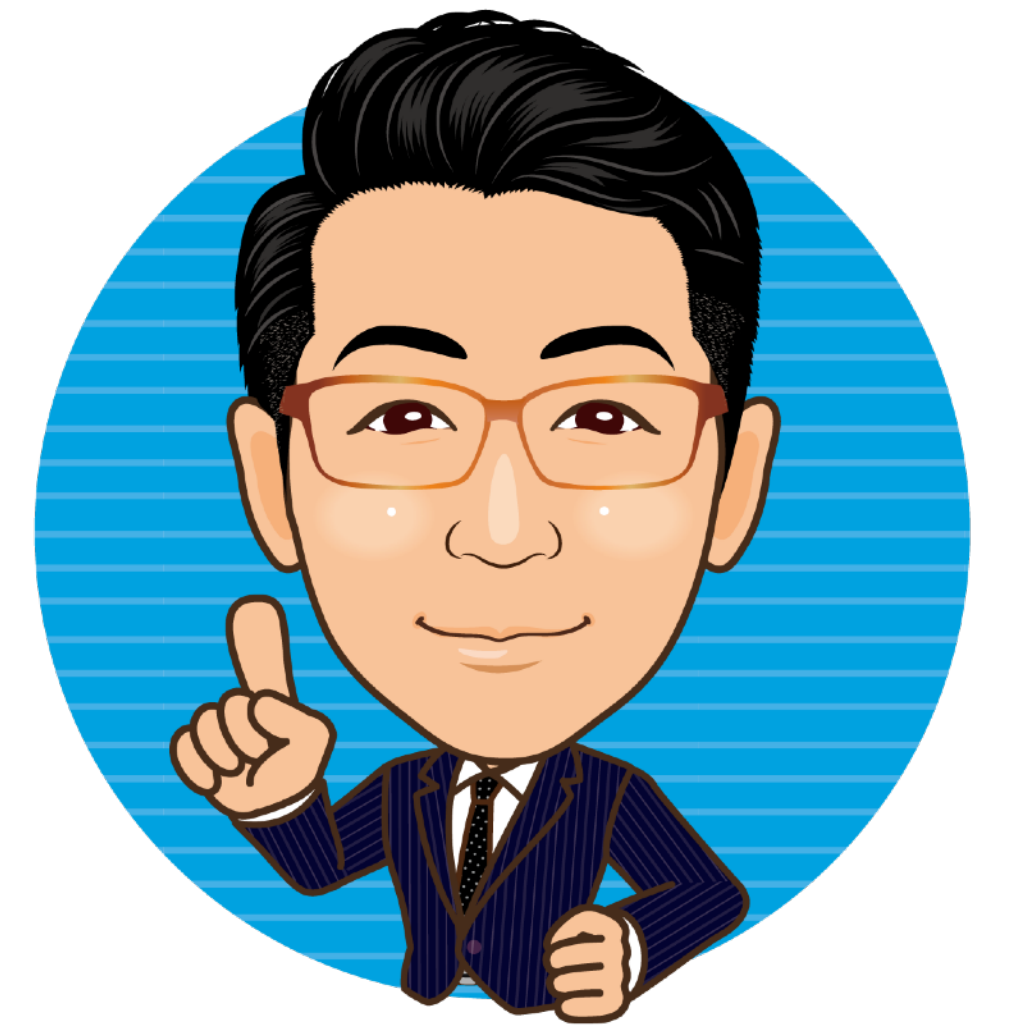




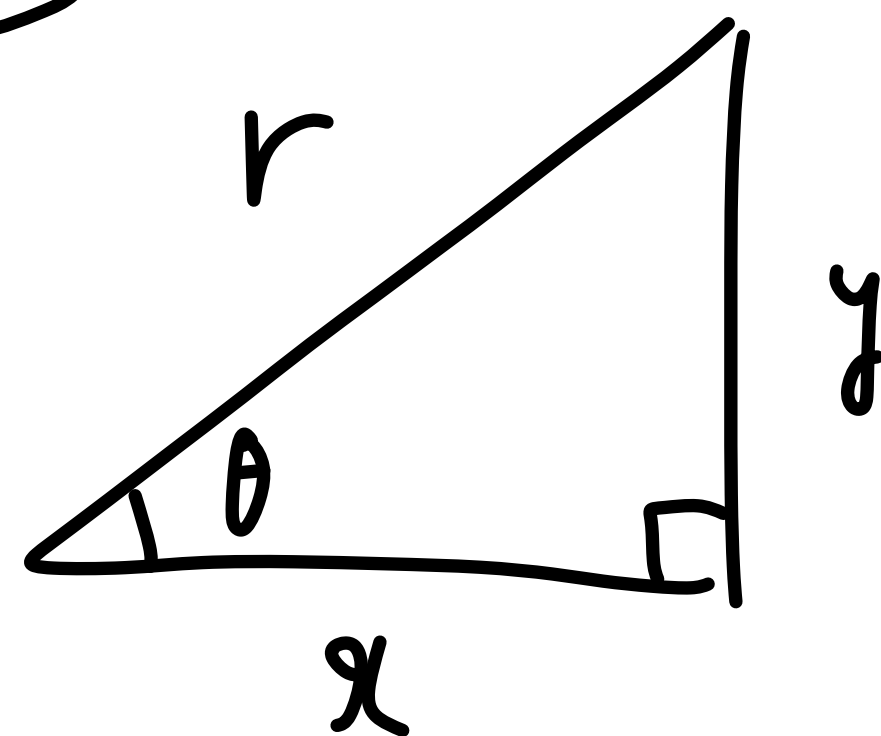
数学I

第4章 図形と計量

三角比の応用



復

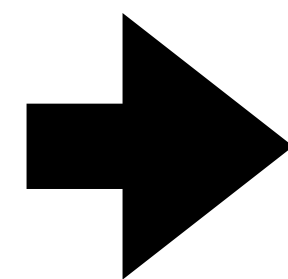


$$\sin \theta = \frac{y}{r}$$

$$\cos \theta = \frac{x}{r}$$

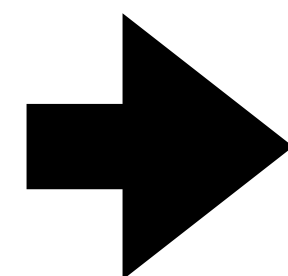
$$\tan \theta = \frac{y}{x}$$

角度

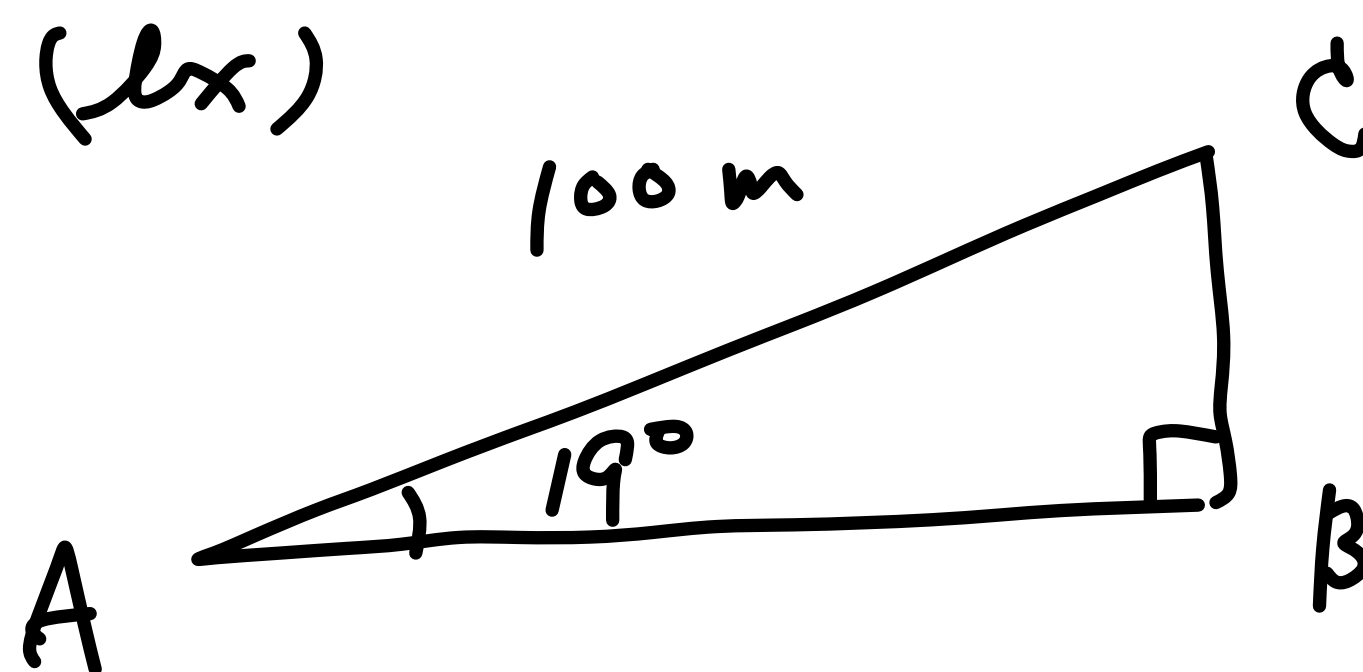


三角比

三角比



辺の大きさ



$$\sin 19^\circ = \frac{BC}{100}$$



$$BC = \sin 19^\circ \times 100 = 100 \times 0.3256 = 32.56 \approx 33$$