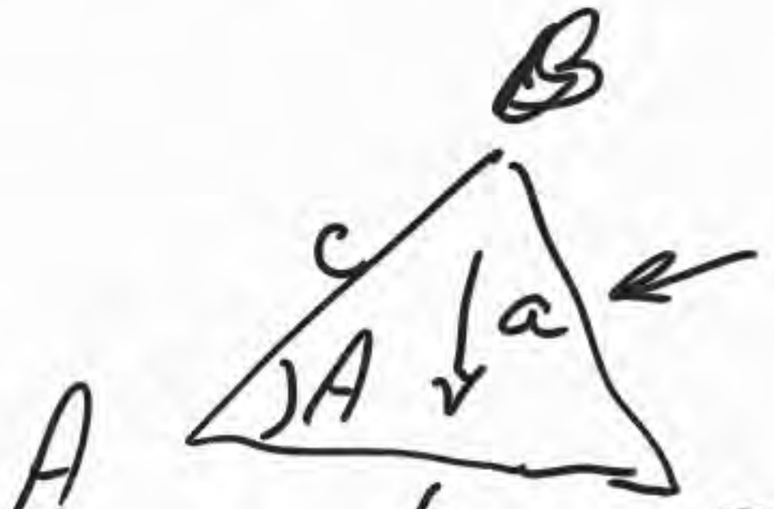
angle A, $\hat{A}$, $B\hat{A}C$



A, B, C
angles

$\angle ABC$

triangle ABC

$\triangle ABC$

---

degree or deg or $^\circ$

1° or 1 deg or 1 degree

$\widetilde{deg}$ / $\widetilde{acc}$ ~~0 face~~

$1 = 1$ rad. angle = unitless

$1^\circ = 1$ degree $A = 2$ rad / rd

1 revolution $= 360^\circ = 2\pi$

$\pi = 180^\circ$ Δ

$$\frac{\pi}{4} = \frac{180^\circ}{4} = 45^\circ$$

$$\frac{3\pi}{2} = \frac{3}{2}(180^\circ) = 270^\circ$$

$$1^\circ = 1^\circ \frac{\pi \text{ rad}}{180^\circ} = \frac{\pi}{180} \text{ rad}$$

$$\approx 57.3^\circ$$

$$\frac{2\pi}{3} = \frac{4\pi}{3} \text{ rad} \cdot \frac{180^\circ}{\pi \text{ rad}}$$

$$= \frac{4}{3}(180^\circ)$$

$$= 240^\circ$$

$\pi = 180^\circ$

Assignment Read 6.1 → 6.3

6.2 ⇒ ①, ②