

Warming-up Activity : Radians**Multiple Choice***Identify the choice that best completes the statement or answers the question.*_____ 1. **Change the angle to degree:**

$$\frac{9\pi}{2}$$

- a. 490°
b. 810°

- c. 505°
d. 110°

_____ 2. **Change angle to radian**
 600°

- a. $\frac{2\pi}{3}$
b. $\frac{\pi}{2}$

- c. $\frac{4\pi}{3}$
d. $\frac{5\pi}{4}$

_____ 3. **What is 1 rad in degree?**

- a. 57°
b. 67°

- c. 75°
d. 77°

_____ 4. **What is $\frac{2\pi}{3}$ in degree?**

- a. 90°
b. 100°

- c. 120°
d. 135°

_____ 5. **What is 225° in radian?**

- a. $\frac{3\pi}{2}$
b. $\frac{4\pi}{3}$

- c. $\frac{5\pi}{4}$
d. $\frac{6\pi}{5}$

_____ 6. **Convert 70° to radian, giving the answer in terms of π**

- a. $\frac{7\pi}{10}$
b. $\frac{10\pi}{7}$

- c. $\frac{18\pi}{7}$
d. $\frac{7\pi}{18}$