

- 11.2**
- 1) $45^\circ = 45^\circ \cdot \frac{\pi}{180^\circ} = \frac{45\pi}{180} = \frac{\pi}{4}$
 - 2) $60^\circ = 60^\circ \cdot \frac{\pi}{180^\circ} = \frac{60\pi}{180} = \frac{\pi}{3}$
 - 3) $75^\circ = 75^\circ \cdot \frac{\pi}{180^\circ} = \frac{75\pi}{180} = \frac{5\pi}{12}$
 - 4) $30^\circ = 30^\circ \cdot \frac{\pi}{180^\circ} = \frac{30\pi}{180} = \frac{\pi}{6}$
 - 5) $120^\circ = 120^\circ \cdot \frac{\pi}{180^\circ} = \frac{120\pi}{180} = \frac{2\pi}{3}$
 - 6) $315^\circ = 315^\circ \cdot \frac{\pi}{180^\circ} = \frac{315\pi}{180} = \frac{7\pi}{4}$
 - 7) $180^\circ = 180^\circ \cdot \frac{\pi}{180^\circ} = \frac{180\pi}{180} = \pi$
 - 8) $270^\circ = 270^\circ \cdot \frac{\pi}{180^\circ} = \frac{270\pi}{180} = \frac{3\pi}{2}$
 - 9) $108^\circ = 108^\circ \cdot \frac{\pi}{180^\circ} = \frac{108\pi}{180} = \frac{3\pi}{5}$
 - 10) $36^\circ = 36^\circ \cdot \frac{\pi}{180^\circ} = \frac{36\pi}{180} = \frac{\pi}{5}$
 - 11) $135^\circ = 135^\circ \cdot \frac{\pi}{180^\circ} = \frac{135\pi}{180} = \frac{3\pi}{4}$
 - 12) $300^\circ = 300^\circ \cdot \frac{\pi}{180^\circ} = \frac{300\pi}{180} = \frac{5\pi}{3}$