11.1

1) $\frac{\pi}{6}$ radians $= \frac{\pi}{6} \cdot \frac{180^\circ}{\pi} = \frac{180^\circ}{6} = 30^\circ$

2) $\frac{2\,\pi}{3}$ radians $= \frac{2\,\pi}{3} \cdot \frac{180^\circ}{\pi} = \frac{2 \cdot 180^\circ}{3} = 120^\circ$

3) $\frac{\pi}{10}$ radians $= \frac{\pi}{10} \cdot \frac{180^\circ}{\pi} = \frac{180^\circ}{10} = 18^\circ$

4) $4\,\pi$ radians $= 4\,\pi \cdot \frac{180^\circ}{\pi} = 4 \cdot 180^\circ = 720^\circ$

5) $\frac{5\,\pi}{6}$ radians $= \frac{5\,\pi}{6} \cdot \frac{180^\circ}{\pi} = \frac{5 \cdot 180^\circ}{6} = 150^\circ$

6) $\frac{15\,\pi}{4}$ radians $= \frac{15\,\pi}{4} \cdot \frac{180^\circ}{\pi} = \frac{15 \cdot 180^\circ}{4} = 675^\circ$

7) $\frac{7\,\pi}{6}$ radians $= \frac{7\,\pi}{6} \cdot \frac{180^\circ}{\pi} = \frac{7 \cdot 180^\circ}{6} = 210^\circ$

8) $\frac{11\,\pi}{5}$ radians $= \frac{11\,\pi}{5} \cdot \frac{180^\circ}{\pi} = \frac{11 \cdot 180^\circ}{5} = 396^\circ$