Practice 4.1 Angle Measurement Worksheet

Convert to radians:

1. $35°$ 2. $-410°$ 3. $140°$

Convert to degrees:

4. $\frac{5\pi}{8}$ 5. $-\frac{7\pi}{6}$ 6. $\frac{11\pi}{3}$

Find two other angles, one negative and one positive, which are coterminal to θ.
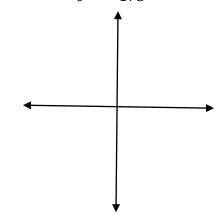
7. $\theta = -60°$ 8. $\theta = 210°$ 9. $\theta = \frac{7\pi}{3}$ 10. $\theta = -\pi$ 11. $\theta = -\frac{10\pi}{11}$

12. Draw each angle in standard position, and find its reference angle.
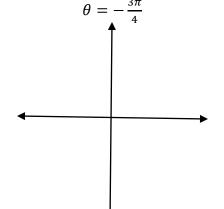
$\theta = -73°$ $\theta = 280°$ $\theta = -175°$

$\theta = \frac{9\pi}{4}$ $\theta = -\frac{3\pi}{4}$ $\theta = \frac{7\pi}{2}$