1. Give two different positive rotations that define the angle $\pi/4$

2. Give a negative rotation that defines the angle $\pi/3$

3. Find the angle between 0 and 2π equivalent to $13\pi/4$.

4. Describe $\theta = \pi/6$ by an angle of negative radian measure.

5. Convert from radians to degrees.

     (a) 1   (b) $\frac{\pi}{3}$ (c) $\frac{5}{12}$ (d) $-\frac{3\pi}{4}$

6. Convert from degrees to radians.

     (a) $1°$ (b) $30°$ (c) $25°$ (d) $120°$

7. Find $\sin\theta$ and $\tan\theta$ if $\cos\theta = \frac{5}{13}$.

8. Find $\cos\theta$ and $\tan\theta$ if $\sin\theta = \frac{3}{5}$.

9. Find $\sin\theta$, $\sec\theta$ and $\cot\theta$ if $\tan\theta = \frac{2}{7}$.

10. Find $\sin\theta$, $\cos\theta$ and $\sec\theta$ if $\cot\theta = 4$.