

Homework Section 3.1 - Due 26th Sep

No marks will be given if no working is shown.

1. #32 on page 107.
 2. #52 on page 107.
 3. Sketch the following angles in standard position:
 - (a) $\theta = 1$ radian.
 - (b) $\theta = 2$ radians.
 - (c) $\theta = 3$ radians.(Hint: Convert into degrees first)
 4. Let $\psi = 315^\circ$. Write down one algebraic expression purely in terms of radians for *all* the coterminals of ψ .
 5. #82 on page 107.
 6. Do *not* try to memorise figure 3 on page 105.
 - *7 $\theta \in (0, 3\pi)$ and $\sin(\theta) = \frac{1}{2}$, compute all possible values of θ in terms of radians.
 - *8 #71, 75, 79, 81 on page 107.
- *Optional questions, not to be handed in.