Homework Section 2.2 - 18th May.

Give your answers exactly.
This homework does not require a calculator.

1. #34 on page 64.
2. #44 on page 64.
3. #54 on page 65.
4. Read example 6 on page 63.
5. Recall that $|\sin(\theta)| = \sin(\theta')$.
   If $\theta \in [0°, 360°)$ and $\sin(\theta) = -\frac{\sqrt{3}}{2}$:
   (a) Observe the sign of $\sin(\theta)$. Which quadrants can θ lie in? (there are two quadrants)
   (b) What is $\sin(\theta')$?
   (c) We know that θ' is a positive acute angle, what is the value of θ'?
   (d) Hence compute the possible values of θ.
6. #80 on page 66.