

Homework Section 2.1 - Due 14th Sep

Give your answers exactly.

This homework does not require a calculator.

1. If $0^\circ < \theta < 90^\circ$ and $\sin(\theta) = \frac{k}{2}$, compute $\cos(\theta)$.
2. Simplify this expression as much as possible: $(\sin \theta + \cos \theta)^2 - 1$.
3. #4 on page 56.
4. #22 on page 56.
5. #34 on page 56.
6. #70 on page 57.
7. #78 on page 58.