

## 4.12 The standard normal distribution

# Checklist

## What you should know

By the end of this subtopic you should be able to:

- transform values from a normal distribution into  $z$ -scores
- use the Normal CDF on the calculator to find the probability that  $z$  lies within a certain range
- use the Inverse Normal to find values of  $z$
- use the Inverse Normal and the formula  $z = \frac{x - \mu}{\sigma}$  to find an unknown mean or standard deviation.

