## Expand and simplify

\[(w + 4)(w + 9)\]

## A biased coin is flipped twice.

- Work out the probability of a tail and a tail.
- Work out the probability of at least one tail.

## A swimming pool is 12m in width and 25m in length.

- The width is to the nearest metre.
- The length is to the nearest metre.

Find the minimum area.

## Rationalise the denominator

\[
\frac{3}{5 - \sqrt{7}}
\]