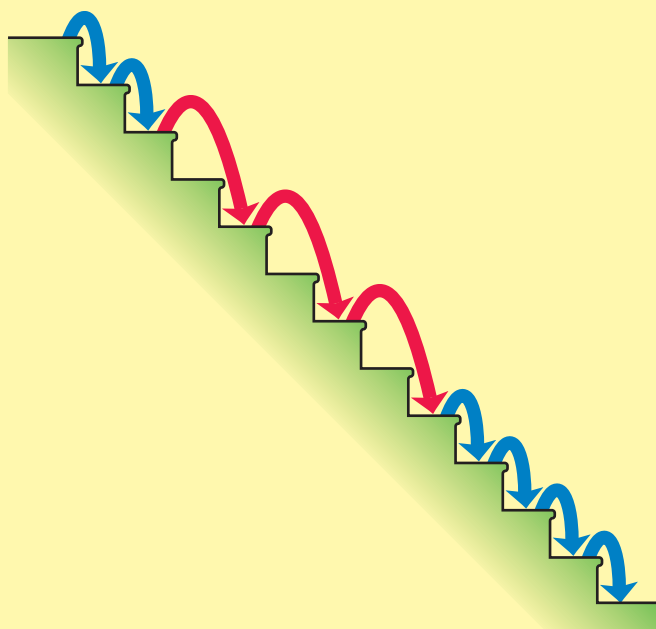# One step, two step

Deduction

Liam's house has a staircase with 12 steps. He can go down the steps one at a time or two at a time.
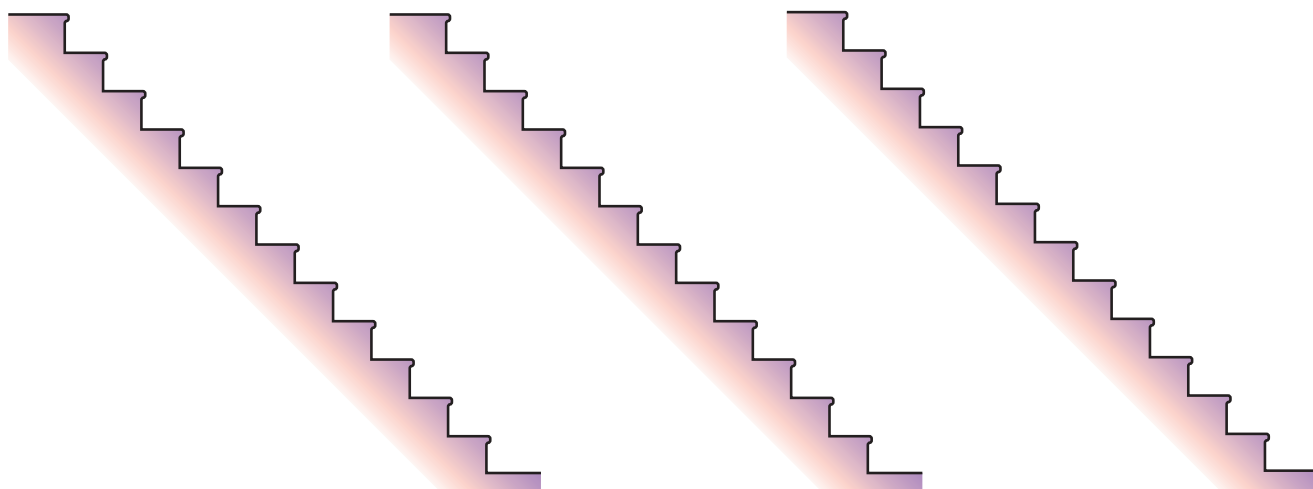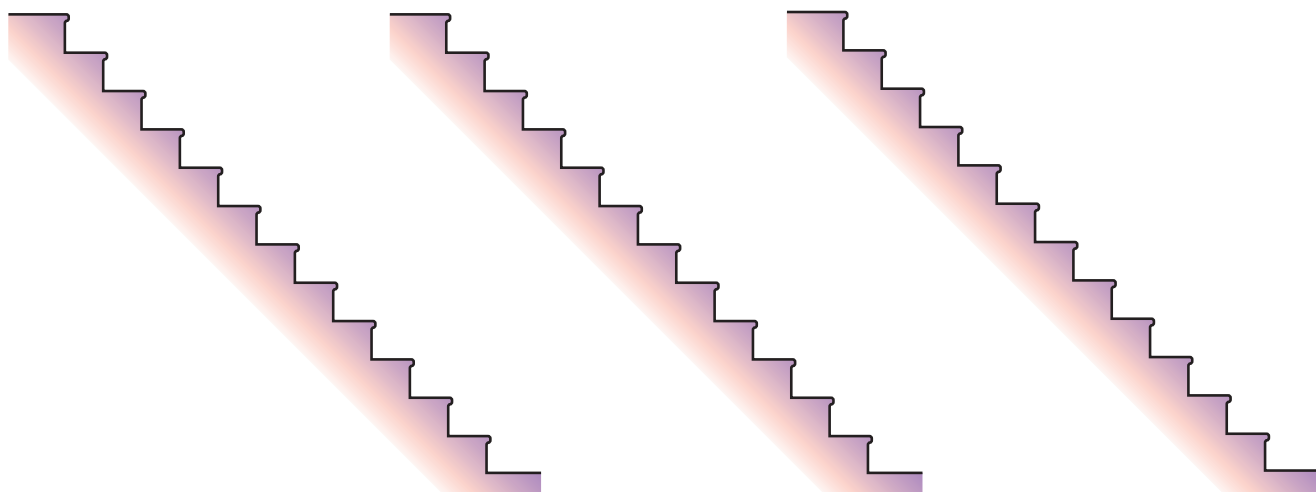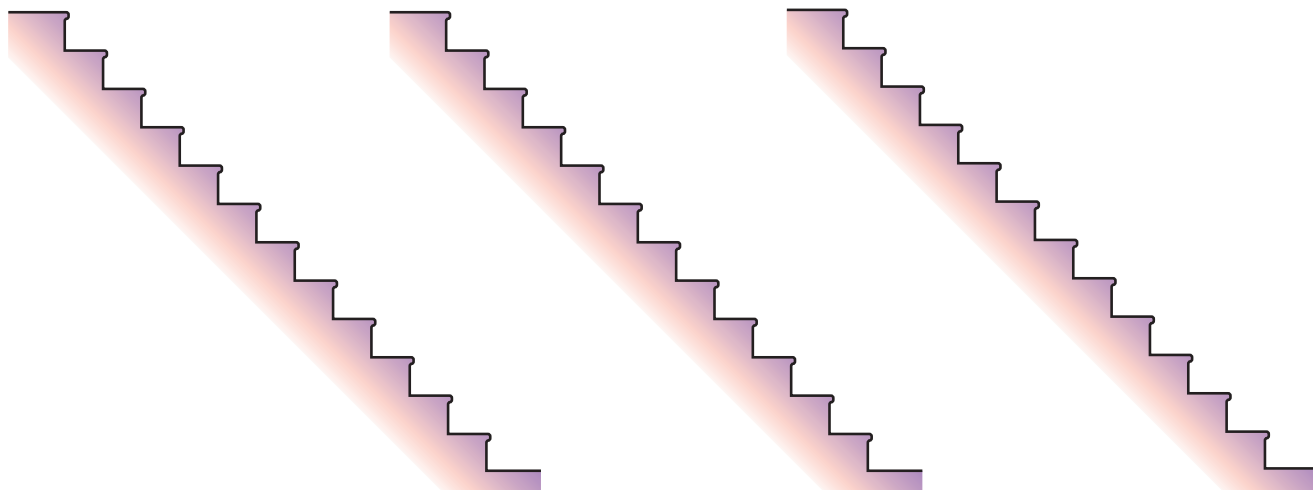For example, he could go down 1 step, then 1 step, then 2 steps, then 2, 2, 1, 1, 1, 1.

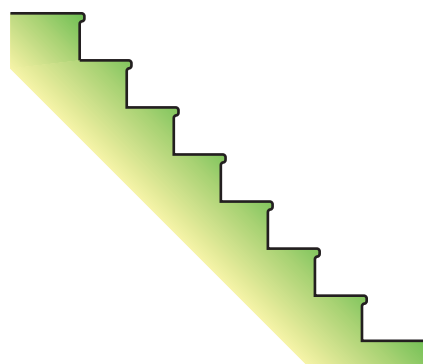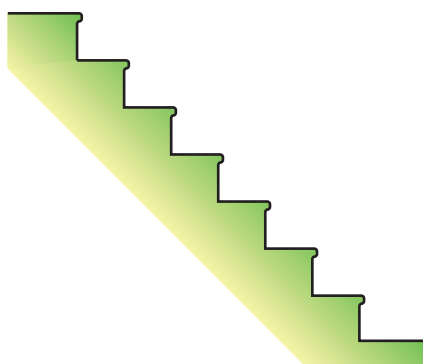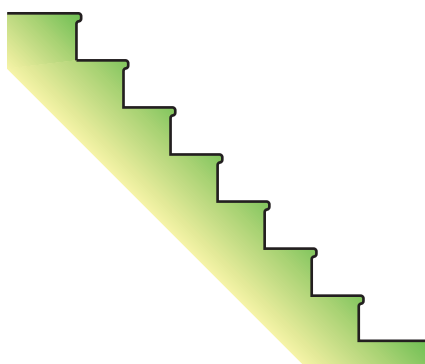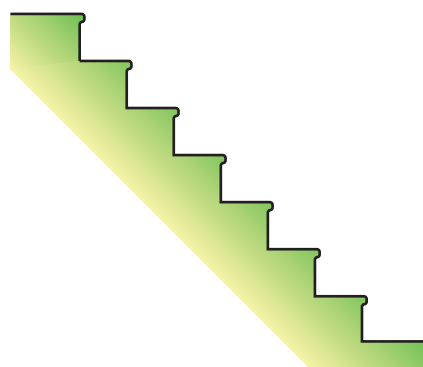In how many different ways can Liam go down the 12 steps, taking one or two steps at a time?

One step, two step: 12 step staircase
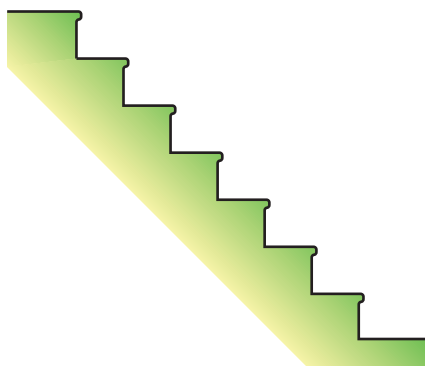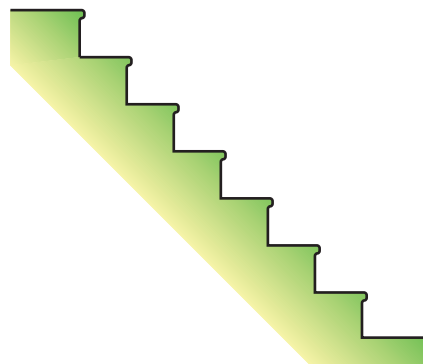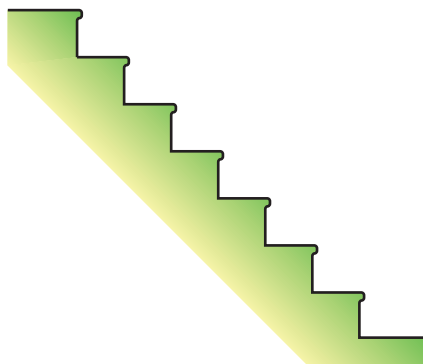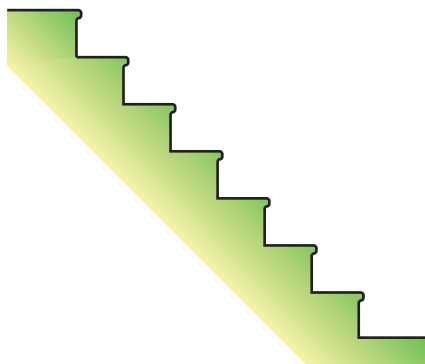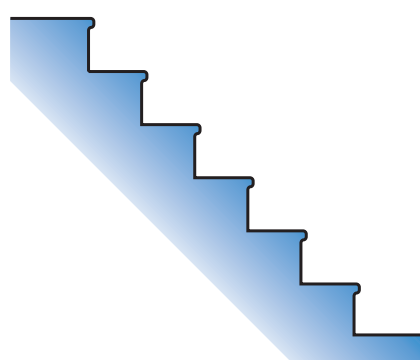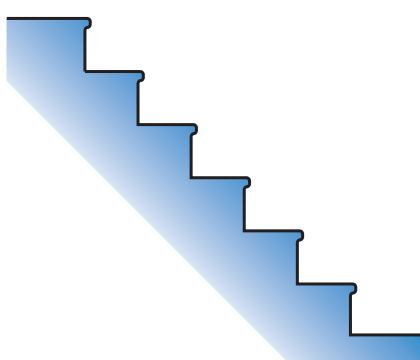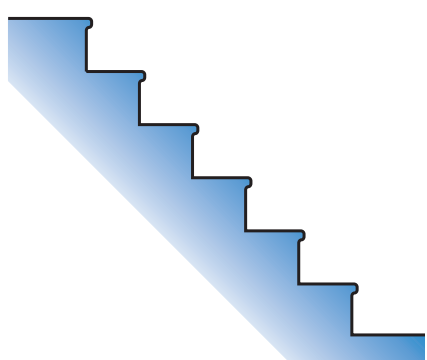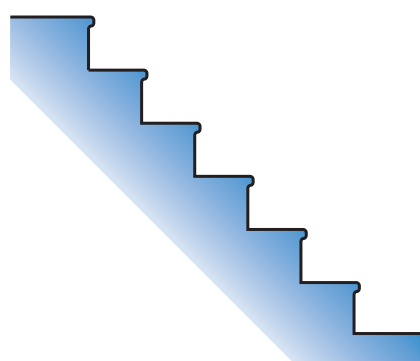
Resource sheet
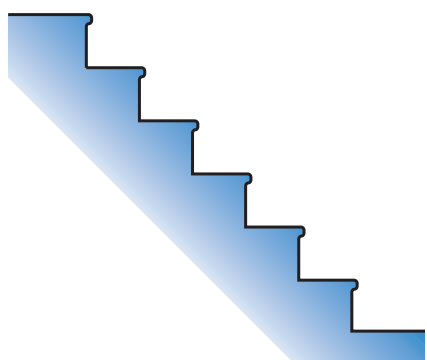
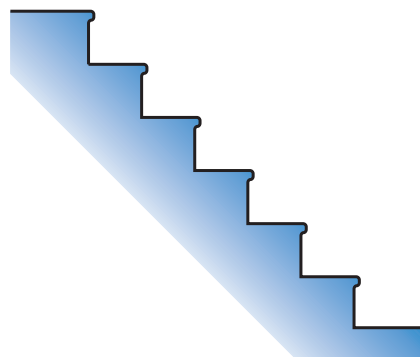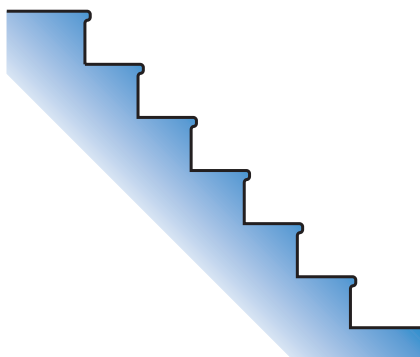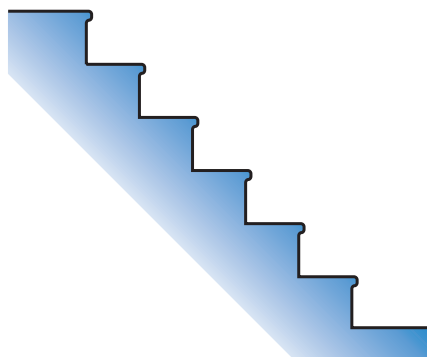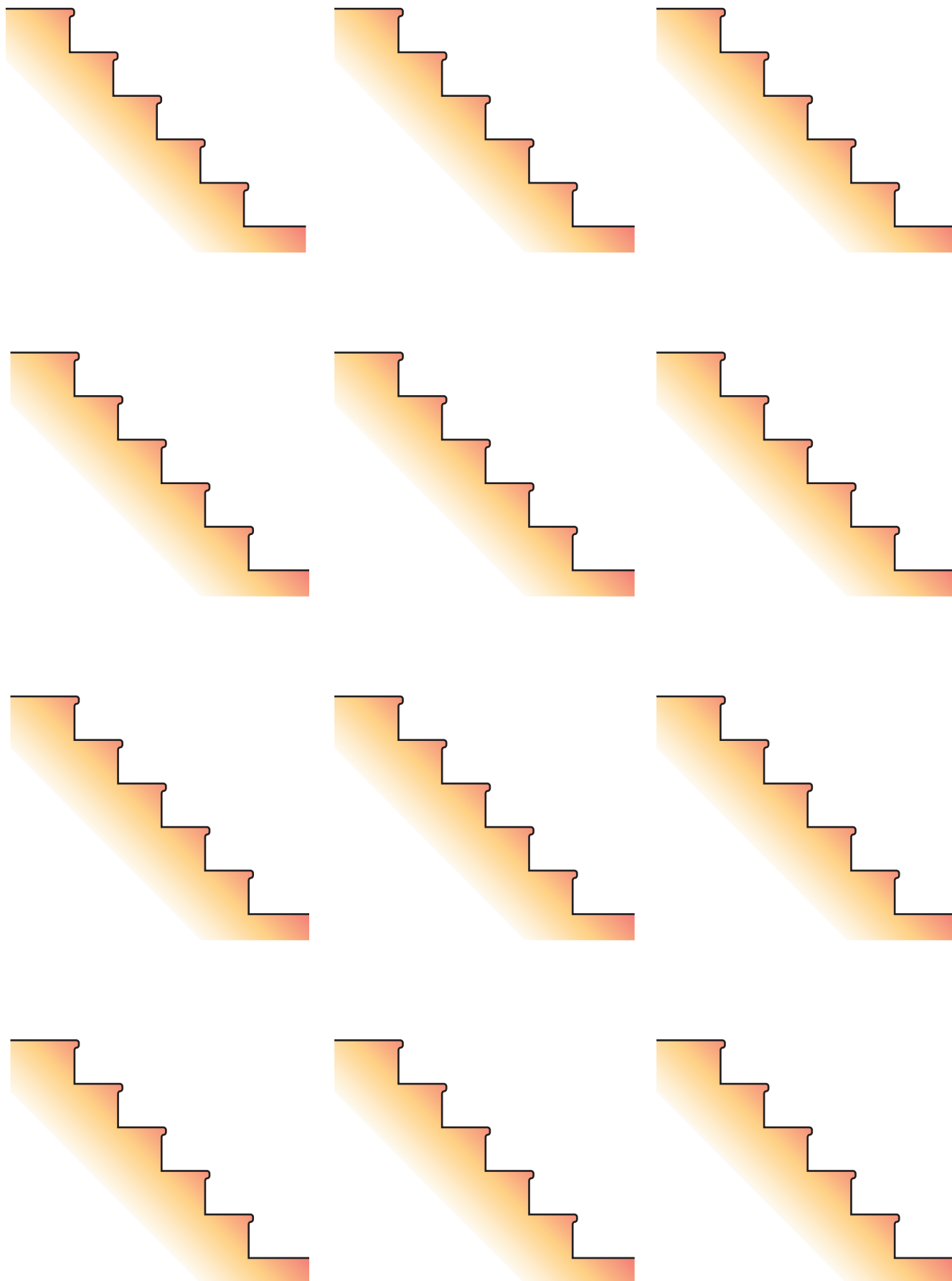# One step, two step: 7 step staircases

Resource sheet
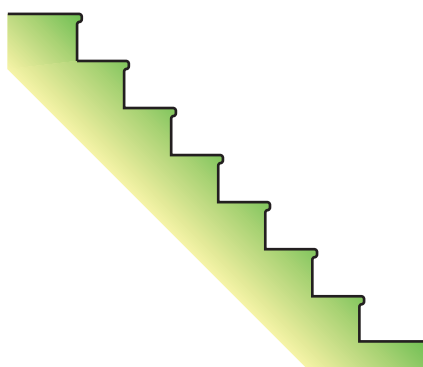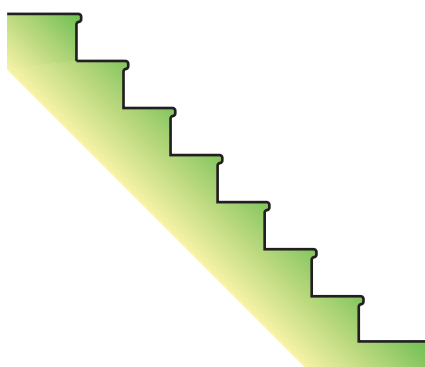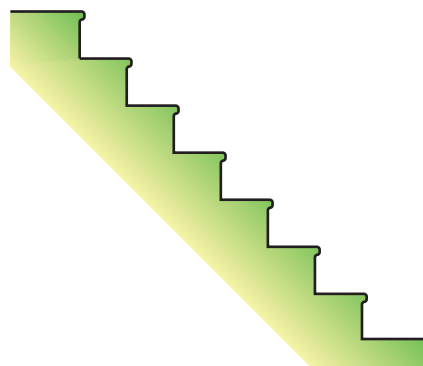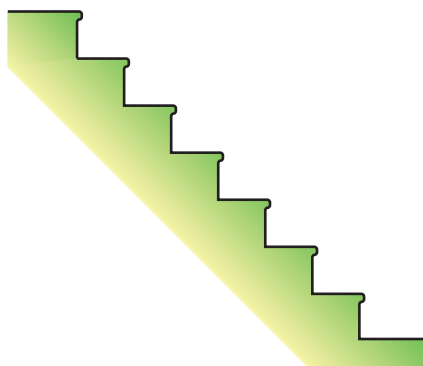
One step, two step: 6 step staircases

Resource sheet
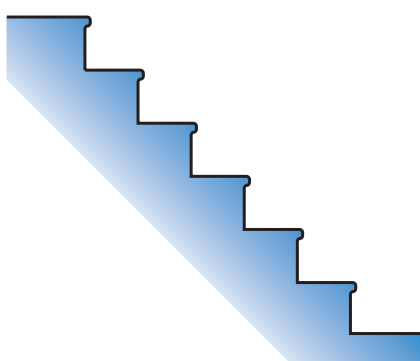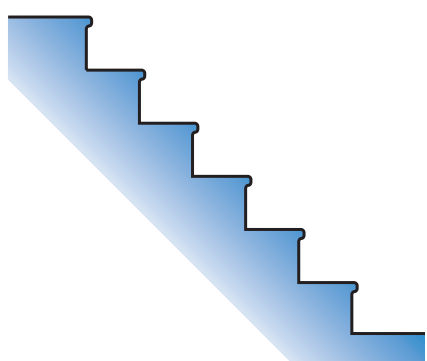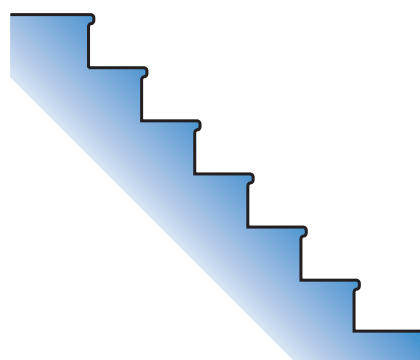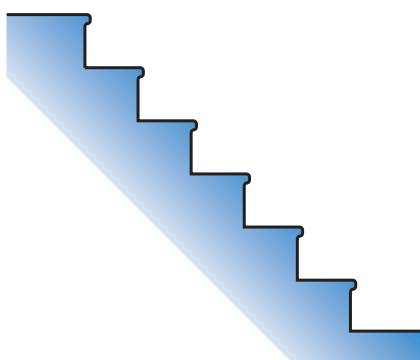
One step, two step: 5 step staircases

Resource sheet

One step, two step: 4 step staircases

Resource sheet
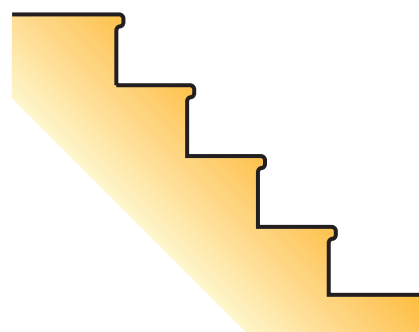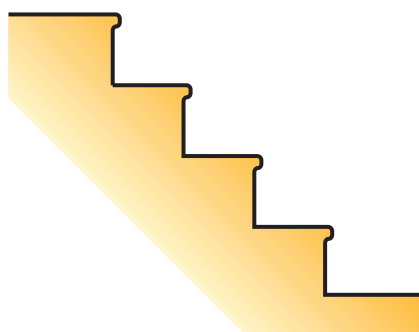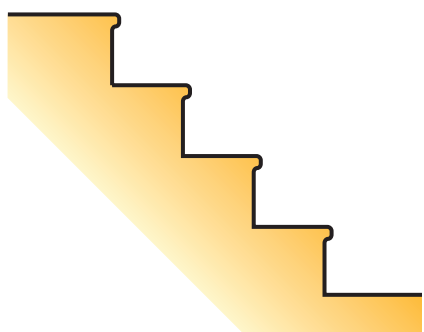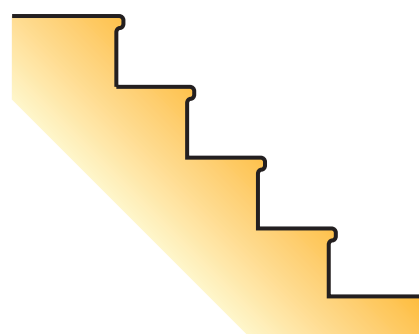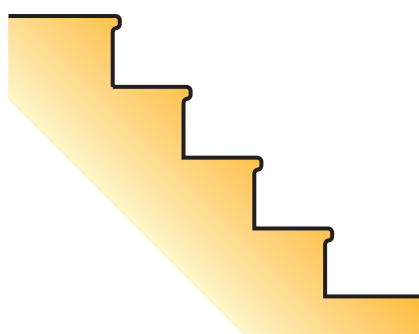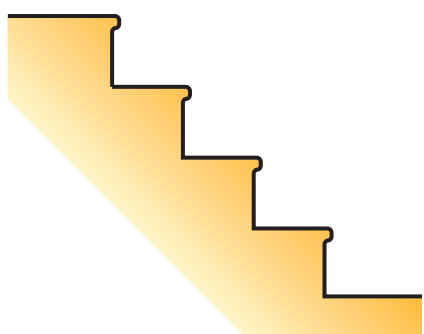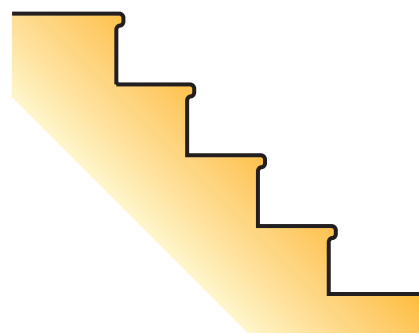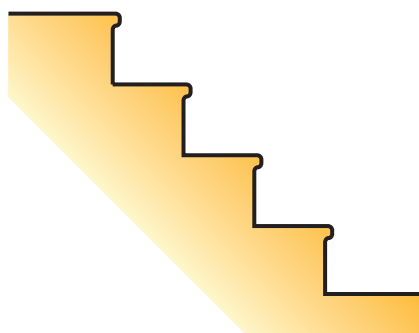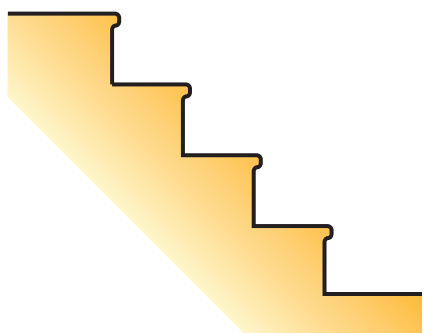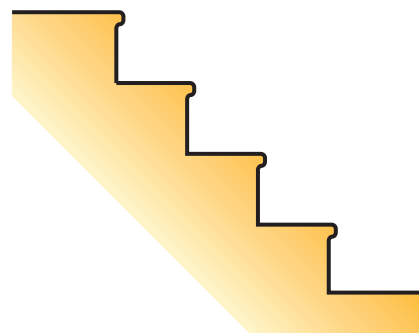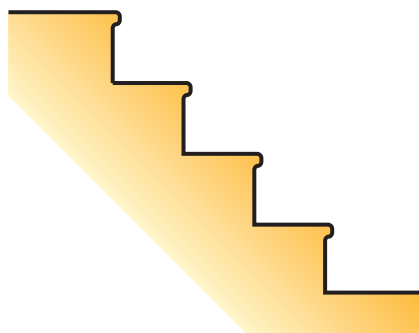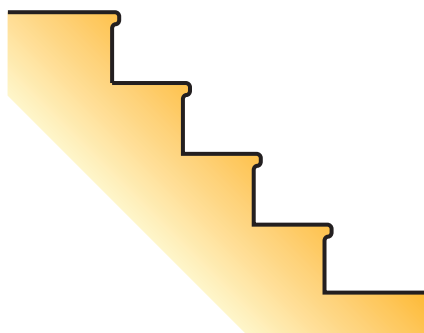
One step, two step: 3 step staircases

Resource sheet