Mathematics

# Looking at Proportional relationships - downloadable resource.
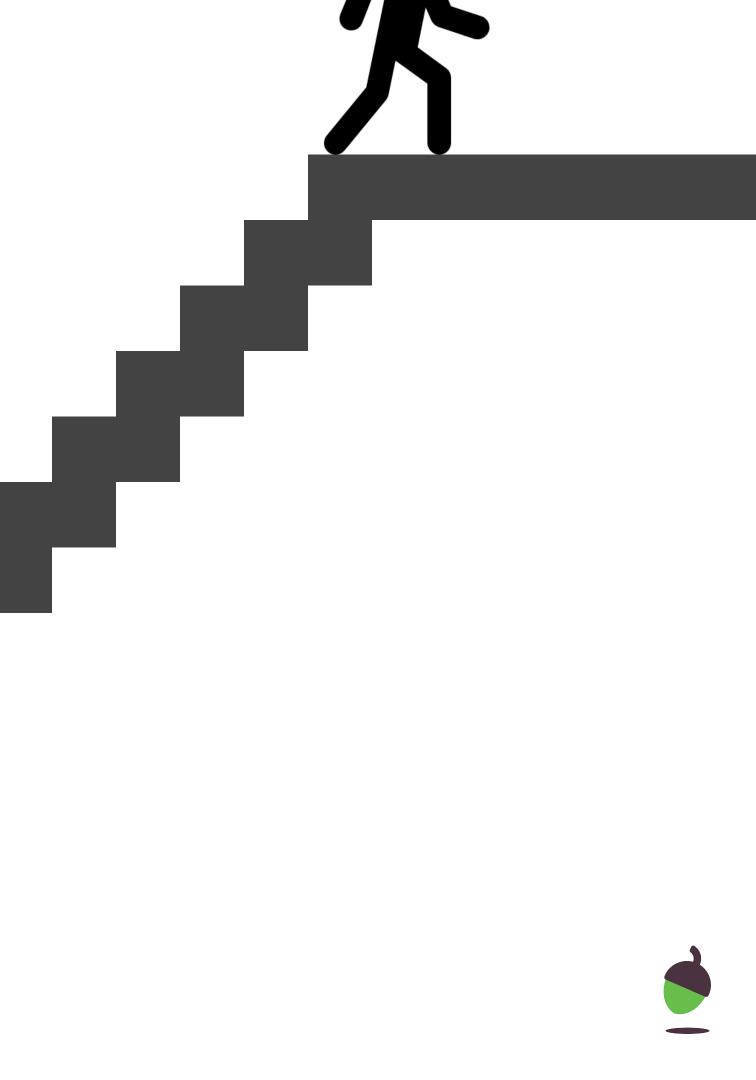
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# Try this

This 12-step staircase is 324 cm high.

How high is the 6th step?

How high is the 9th step?

Which steps are the easiest and hardest to work out the height of?

# Independent task

1) Solve both questions using at least 2 methods.

Seven apples cost £5.95.

Each apple costs the same amount.

What is the cost of nine of these apples?

Seven apples cost £5.95. Each apple costs the same amount.

If I spend £11.05 on these apples, how many have I bought?

What is the same? What is different?

# Explore

In this skyscraper the 300<sup>th</sup> step is 75 m high.

How many ways can you complete these number frames, using a different digit in each box?

The height of step ⬜⬜ is ⬜⬜⬜ cm.