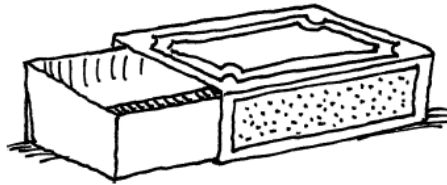
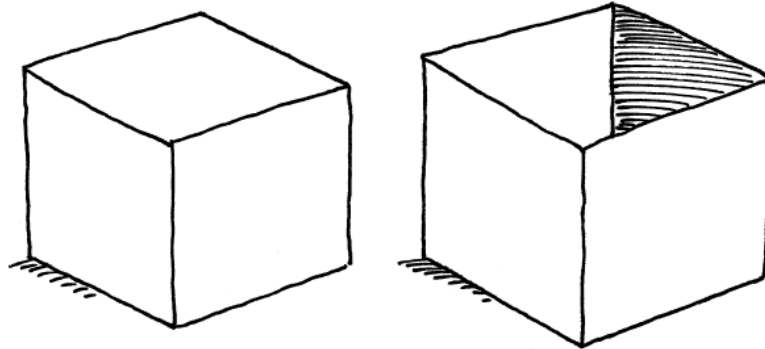


A perfect match

1. A matchbox tray slides into its outer cover.
In how many different ways can you do this?



2. Imagine a cube and an open box just large enough to hold it.
In how many different ways can you fit the cube into the box?



Teaching objectives

Solve mathematical problems or puzzles.
Visualise 3-D shapes.