## Maths Challenge

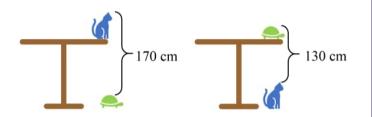
Welcome to this week's Maths Challenge!

Solutions must be explained in detail, responses with just the answer may be ignored.

Drop your solution in the box in the staffroom by Tuesday.

## Year 8 and below

Find the height of the table.



## Year 9 and above

The larger square has sides of length  $20\,\mathrm{cm}$ , the smaller square has sides of length  $10\,\mathrm{cm}$ . Find the shaded area.

