

Percent as "out of one hundred"

MODULE 1 · PLACE VALUE AND THE DECIMAL NUMBER SYSTEM **NUMBER**

 STRETCH PROBLEMS

- 1 Mr Ó Briain's 5th class is lining up at the door before going out to the yard. He shows the class a 10×10 grid on the whiteboard with 100 small squares and asks them to shade 17% of it. How many of the small squares should be shaded?

- 2 Síle bakes a Halloween barmbrack and decorates the top with a 10×10 grid of raisins and sultanas. She uses raisins on 64 of the 100 squares and sultanas on the rest. What percent of the grid is covered in raisins?

On a 10×10 grid, 64 of the 100 small squares are shaded. What percent is shaded?

- 3** On sports day, Cian's 5th class is making a 10×10 grid poster to track how many pupils have finished their events. They want to shade 18% of the 100 small squares to show the first group home from the relay. How many small squares should they shade?