

Direct proportion and the unitary method

MODULE 4 · RATIO AND PROPORTION **NUMBER**

 STRETCH PROBLEMS

- 1 Niamh and her brother stop at the Centra near the cinema, where 4 identical popcorn bags cost €32 in total. They want to bring 15 bags to share with their cousins after the film. Using the unitary method, what do 15 bags cost?
- 2 At the school book fair, 3 paperback novels cost €15 in total. Tadhg's 5th class teacher wants to buy 10 of the same novels for the classroom library. Using the unitary method, how much will 10 novels cost?
- 3 For an art lesson, 5th class are buying small sketchpads to draw a scale plan of the school yard. 6 sketchpads cost €18 in the local SuperValu. Using the unitary method, what would 9 sketchpads cost?