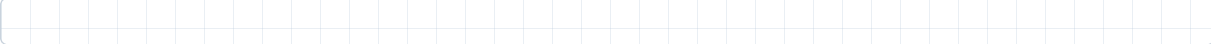
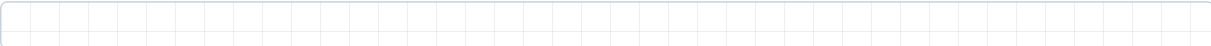
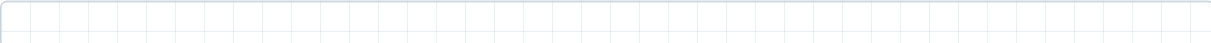
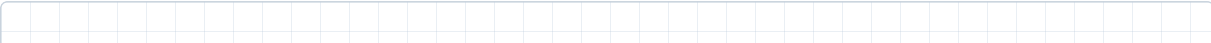


What is a fraction? Review part-whole

MODULE 3 · FRACTIONS, DECIMALS AND PERCENTAGES NUMBER

 STRETCH PROBLEMS

- 1 Cian is colouring in a Seachtain na Gaeilge poster in 5th class. The poster is divided into 10 equal stripes, and he wants to colour $\frac{3}{5}$ of the poster green. How many stripes must he colour green?
To shade $\frac{3}{5}$ of a shape divided into 10 equal parts, how many parts must be shaded?

- 2 On the school nature walk through the local park, 5th class divide a long flower bed into 15 equal sections to plant wildflower seeds. Cian wants to plant seeds in $\frac{4}{5}$ of the flower bed. How many of the 15 sections must he plant?
To shade $\frac{4}{5}$ of a shape divided into 15 equal parts, how many parts must be shaded?

- 3 The school polytunnel has a long seed tray divided into 16 equal compartments. Cian wants to plant lettuce seedlings in $\frac{7}{8}$ of the compartments. How many compartments must he plant?
To shade $\frac{7}{8}$ of a shape divided into 16 equal parts, how many parts must be shaded?

- 4 The class library has 7 shelves of equal size for the reading scheme books. This week, 5 of the shelves are full and the rest are empty because the books are out on loan. What fraction of the shelves are full?

- 5 Ms Doyle's 5th class line up at the classroom door in 11 equal spots before heading to the yard. 3 of the spots are filled by pupils wearing hi-vis vests for yard duty. What fraction of the line is made up of pupils in hi-vis vests?