

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?

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- 2 The school canteen has a tray divided into **6** equal sections for lunch cartons. At the end of break, **5** of the sections still have a carton in them. What fraction of the tray is filled with cartons?

A shape is divided into 6 equal parts and 5 are shaded. What fraction of the shape is shaded?

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- 3 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?

A shape is divided into 7 equal parts and 5 are shaded. What fraction of the shape is shaded?

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 $\frac{1}{2}$

 $\frac{1}{2}$

 $\frac{1}{2}$
