What is a fraction? — review part-whole

MODULE 3 · FRACTIONS, DECIMALS AND PERCENTAGES NUMBER

STRETCH PROBLEMS

1. 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 **4/5** of the flower bed. How many of the **15** sections must he plant?

   > To shade 4/5 of a shape divided into 15 equal parts, how many parts must be shaded?

2. On sports day, the 5th class long-jump pit is marked into **11** equal sections along its length. After the morning events, **4** of the sections have footprints in the sand. What fraction of the pit has footprints in it?

   > A shape is divided into 11 equal parts and 4 are shaded. What fraction of the shape is shaded?

3. 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?