ubtracting fractions

Subtract fractions within one whole

You will need:
- interlocking cubes of 2 different colours
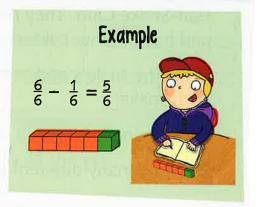- coloured pencils

1 Make a rod using 6 cubes in two different colours. Put cubes of the same colour together.

    a Draw it in your book.

    b Write a fraction subtraction to show the answer when the cubes of one colour are removed from the whole rod.

    c Repeat the above twice more with different numbers of each colour.

Example

$$\frac{6}{6} - \frac{1}{6} = \frac{5}{6}$$

2 Make one more rod using 5 cubes. Put cubes of the same colour together. Draw it in your book. Write a fraction subtraction to show the answer when the cubes of one colour are removed from the whole rod.

1 Look at these rods. Write a fraction subtraction to show the answer when the cubes of one colour are removed from the whole rod.

    a   **b**   **c**

    d   **e**   **f**

2 Draw three rods of your own and colour each one in two colours. Write a fraction subtraction to show the answer when the cubes of one colour are removed from the whole rod.

1 a $\frac{4}{4} - \frac{1}{4} =$ **b** $\frac{5}{5} - \frac{4}{5} =$ **c** $\frac{6}{6} - \frac{2}{6} =$ **d** $\frac{8}{8} - \frac{3}{8} =$ **e** $\frac{10}{10} - \frac{3}{10} =$

2 Explain why $\frac{8}{8}$ is the same as one whole.

3 a $\frac{3}{3} - \boxed{} = \frac{1}{3}$ **b** $\frac{5}{5} - \boxed{} = \frac{3}{5}$ **c** $\frac{6}{6} - \boxed{} = \frac{5}{6}$ **d** $\frac{8}{8} - \boxed{} = \frac{6}{8}$