

# Fraction snakes

Investigate non-unit fractions



You will need:

- coloured pencils
- squared paper

Challenge 1

1 Look at these snakes. Write the fractions that describe each snake.



Example



$\frac{1}{6}$  blue and  $\frac{5}{6}$  yellow

2 Draw your own snakes 7 squares long. Colour them in using 2 different colours. Write the fractions that describe each snake.

Challenge 2

2

1 Look at these snakes. Write the fractions that describe each snake.



2 Draw snakes 10 squares long. A snake 10 squares long can be described using tenths and fifths. Colour the snakes in as many different ways as you can and write the fractions that describe each snake.

Challenge 3

3

1 Take a handful of cubes in two different colours and use them to make a snake. Draw the snake. Write the fractions.

You will need:

- 20 interlocking cubes

2 Take a handful of cubes in three different colours and use them to make a snake. Draw the snake. Write the fractions.

