

### **Portfolio task 12.1**

Write the following fractions as decimals by using a calculator. For example, if you want to find  $\frac{3}{5}$  as a decimal you key in " $3 \div 5 =$ ". You should see 0.6.

$$\frac{3}{4}$$

$$\frac{1}{2}$$

$$\frac{4}{5}$$

$$\frac{1}{4}$$

$$\frac{1}{5}$$

$$\frac{2}{10}$$

$$\frac{7}{10}$$

Convert  $\frac{1}{5}$ ,  $\frac{2}{5}$ ,  $\frac{3}{5}$ ,  $\frac{4}{5}$ ,  $\frac{5}{5}$  to decimals.

Do the same with  $\frac{1}{10}$ ,  $\frac{2}{10}$ ,  $\frac{3}{10}$ ,  $\frac{4}{10}$ ,  $\frac{5}{10}$ ,  $\frac{6}{10}$ ,  $\frac{7}{10}$ ,  $\frac{8}{10}$ ,  $\frac{9}{10}$ ,  $\frac{10}{10}$ .

What do you notice about your answers to 'fifths' and tenths'?

Now explore all the other fractions from  $\frac{1}{3}$ s to  $\frac{1}{12}$ s. Describe the patterns you are seeing. Can you see how this activity helped develop a sense of the value of fractions, and would have been impossible without the use of calculators.