

Decimal fractions – tenths, hundredths and thousandths

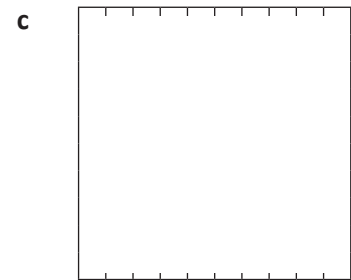
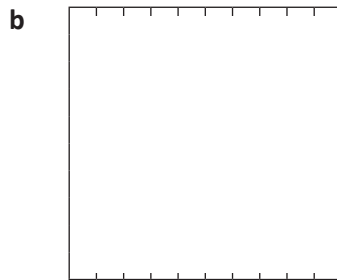
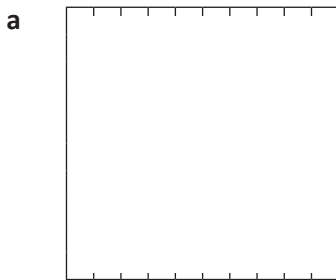
Common fractions and decimal fractions are related as they both show parts of a whole. In common fractions, we divide a whole into parts such as halves or sixths.

In decimal fractions, the whole is partitioned using the base 10 system – into tenths, then hundredths, then thousandths and so on.

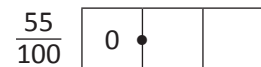
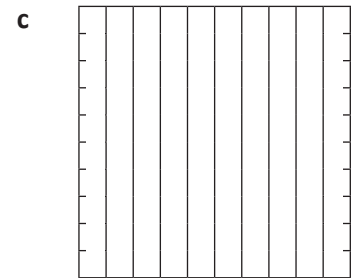
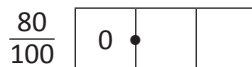
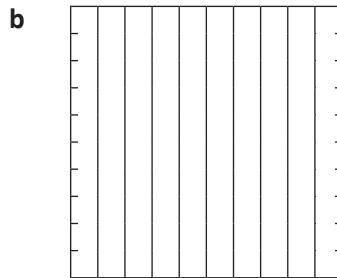
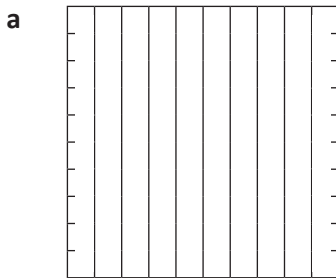
We use a decimal point after the unit to indicate the end of whole numbers: 6.42

If the number has no whole numbers, we use a zero to make sure we don't miss the decimal point: 0.42

1 Divide these wholes into tenths and shade the specified amounts. Write each as a decimal fraction:



2 Now divide these wholes into hundredths and shade the specified amounts. Write each as a decimal fraction:



3 Express these as decimal fractions:

