As outcomes, Year 5 pupils should, for example:

Round decimals with one decimal place to the nearest whole number. For example:

- Round these to the nearest whole number:
  9.7 25.6 148.3
- Round these lengths to the nearest metre:
  1.5 m 6.7 m 4.1 m 8.9 m
- Round these costs to the nearest £:
  £4.27 £12.60 £14.05 £6.50

See also rounding up or down after division (page 57).

Recognise that, for example:
0.07 is equivalent to $^{7}/_{100}$;
6.35 is equivalent to $6^{35}/_{100}$;
particularly in the context of money and measurement.

Respond to questions such as:

- Which of these decimals is equal to $^{19}/_{100}$?
  1.9 10.19 0.19 19.1
- Write each of these as a decimal fraction:
  $^{27}/_{100}$ $^{3}/_{100}$ $2^{33}/_{100}$

Enter fractions into a calculator and interpret the display to find the equivalent decimal.
Predict the result before confirming.
For example:

$^{1}/_{2}$	one half	0.5
$^{1}/_{4}$	one quarter	0.25
$^{3}/_{4}$	three quarters	0.75
$^{1}/_{10}$	one tenth	0.1
$^{1}/_{5}$	one fifth or two tenths	0.2
$^{1}/_{100}$	one hundredth	0.01
$^{75}/_{100}$	75 hundredths or three quarters	0.75
$^{3}/_{100}$	three hundredths	0.03
$^{50}/_{100}$	fifty hundredths or one half	0.5

Appreciate that a number like 3.6 in a calculator display means £3.60 in the context of money, and that 67p is entered as 0.67 since it is $^{67}/_{100}$ of £1.

As outcomes, Year 6 pupils should, for example:

Round decimals with one or two decimal places to the nearest whole number. For example:

- Round these to the nearest whole number:
  19.7 25.68 148.39

Round decimals with two or more decimal places to the nearest tenth. For example:

- What is 5.28 to the nearest tenth?
- What is 3.82 to one decimal place?

See also rounding up or down after division (page 57).

Recognise that, for example:
0.007 is equivalent to $^{7}/_{1000}$;
6.305 is equivalent to $6^{305}/_{1000}$;
particularly in the context of measurement.

Respond to questions such as:

- Which of these decimals is equal to $^{193}/_{100}$?
  1.93 10.193 0.193 19.13
- Write each of these decimals as a fraction:
  0.27 2.1 7.03 0.08

Continue to enter fractions into a calculator and interpret the display to find the equivalent decimal.
Predict the result before confirming.
For example:

$^{1}/_{1000}$	one thousandth	0.001
$^{1}/_{8}$	one eighth	0.125
$^{1}/_{3}$	one third	0.3333333
$^{2}/_{3}$	two thirds	0.6666666

Use a calculator to compare fractions. For example:

- Which of these two fractions is less?
  $^{7}/_{8}$ or $^{4}/_{5}$ $^{3}/_{4}$ or $^{11}/_{14}$
- Place these fractions in order:
  $^{7}/_{20}$, $^{6}/_{15}$, $^{13}/_{40}$, $^{8}/_{25}$