

Rounding decimals to nearest whole, tenth and hundredth

MODULE 1 · PLACE VALUE, DECIMALS AND THE NUMBER SYSTEM NUMBER

HOW TO ANSWER TODAY

- **Round to nearest....** Look at the digit ONE place to the right of where you're rounding to. 5 or more → round up; less than 5 → keep.

7.34 to nearest tenth → 7.3 (the 4 is less than 5). · 7.36 → 7.4.

★ STRETCH PROBLEMS

- 1 In maths, Cara works out how the school canteen's milk bill is shared equally between the classes. The calculator shows each class's share as **€52.123** before rounding to the nearest cent. What is **52.123** rounded to the nearest hundredth?
- 2 At granny's farm, Fionn works out the average milk each calf gets. His calculator shows **1.233** before he rounds. What is **1.233** rounded to the nearest hundredth?
- 3 Fionn adds up the kilometres his family drove to the shops this week on a calculator. It shows **57.039**. Round **57.039** to the nearest hundredth.
- 4 Tadhg checks a length for the school garden fence on a digital trundle wheel. The display reads **50.633 metres**. Round **50.633** to the nearest hundredth.
- 5 Cian uses a calculator to share the cost of the break-time biscuits equally between the tables in his class. The display shows **6.078**. What is **6.078** rounded to the nearest hundredth?



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



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

NUMBER



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

