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?