

Rounding decimals to the nearest whole, tenth, hundredth

MODULE 1 · PLACE VALUE AND THE DECIMAL 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 At break time, Cian's stopwatch shows his sprint took **19.193 seconds**. Round **19.193** to the nearest hundredth.
- 2 At the club hurling match, Aoife's tape measure gives the length of the pitch sideline as **77.606 m**. Round this to the nearest hundredth.
- 3 At granny's house after Sunday dinner, Oisín helps share out the cost of the takeaway dessert between the cousins. His calculator shows each cousin owes **76.272** before he rounds to euros and cents. What is **76.272** rounded to the nearest hundredth?
- 4 During the school nature walk through the local park, Cian recorded a path distance of **93.724 metres** on the measuring wheel. Round this distance to the nearest hundredth.
- 5 Cara weighs the sand for the long-jump pit on the GAA sports day. The scale shows **26.035 kg**. What is this mass rounded to the nearest hundredth?