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?