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. 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?

   Round 76.272 to the nearest hundredth.

2. At the Saturday farmers' market in Galway, the stallholder weighs a bag of potatoes and the scales show **95.31 kg** of spuds sold by lunchtime. She wants to write the total on her board to the nearest tenth of a kilogram. What does she write?

   Round 95.31 to the nearest tenth.

3. The 5th class raffle for the Christmas hamper raised **€24.37** in coins from the yard collection. Saoirse rounds the total to the nearest tenth of a euro to write a tidy figure on the noticeboard. What is **24.37** rounded to the nearest tenth?

   Round 24.37 to the nearest tenth.