

Estimation across attributes

MODULE 4 · MEASURES — LENGTH, MASS, CAPACITY, AREA, VOLUME MEASURES

HOW TO ANSWER TODAY

- **Estimate gap.** Subtract the smaller from the bigger to find how far off the estimate was.
Estimated 15 cm, real 12.5 cm → 2.5 cm off

★ STRETCH PROBLEMS

- 1 At Camogie training under the floodlights, Saoirse estimates the gap between two cones as **146.6 cm**. She then measures it with a tape and finds it is **151.1 cm**. By how much is her estimate off?
- 2 Cian is building a den with branches in the school orchard. He estimates one long branch to be **187 cm**, then measures it with the metre stick and gets **198 cm**. By how much is his estimate off?
- 3 Tadhg estimates the height of the service line on the wall-ball court in the yard at **155 cm**. When he measures it with the long tape, it is actually **166 cm**. By how many centimetres is his estimate off?
- 4 Tadhg is painting a banner for the GAA county finals day. He estimates the width of the painted stripe will be **103 cm**, but when he measures it after painting it is **87 cm**. By how much is his estimate off?
- 5 On a coach trip to the Burren, Aoife spots a long limestone slab at a viewing point and estimates it is **106 cm** across. She then measures it with a tape and gets **87 cm**. By how many centimetres is her estimate off?