Lesson 97

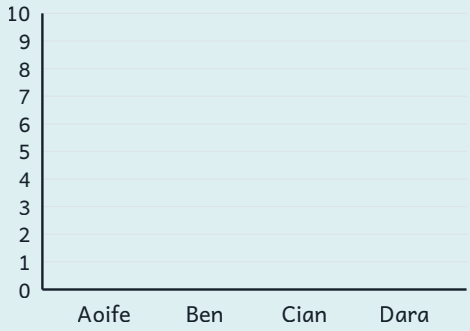
The mean as a measure of centre

WORKED EXAMPLE: TOTAL FROM THE MEAN

1. Two GAA players scored a mean of 5 points across 2 games.
2. Multiply the mean by the number of games: 5 × 2 = 10.
3. The total points scored is 10.

WARM-UP

Four pupils' quiz scores: Aoife 3, Ben 9, Cian 8 and Dara 4. Draw a bar for each pupil on the chart.



1. Draw the four bars on the chart.
2. Add the four scores, then share the total equally between the 4 pupils. What is the mean?
3. Draw a straight line across the chart at the mean. Whose bars are above the line?

PRACTICE

1. Four GAA players scored **11**, **13**, **14** and **18** points. What is their mean score?
2. Three hurlers scored **16**, **17** and **21** points. What is their mean?
3. Four GAA matches had attendances of **2**, **4**, **6** and **8** thousand. What is the mean attendance in thousands?
4. A GAA team had a mean of **12** points over **5** matches. Find the total points.
5. Three footballers scored **8**, **10** and **12** points. What is the mean score?

ALWAYS, SOMETIMES, NEVER

Always, sometimes or never true? Write A, S or N.

a. The mean of 5, 7, 3 and 9 is found by adding then dividing by 4. ☐

b. The mean is one of the original numbers. ☐

c. To find total from mean, multiply mean by number of values. ☐

d. The mean of even numbers is even. ☐

DATA & CHANCE