Lesson 115 End-of-primary maths recap: a tour of the five areas

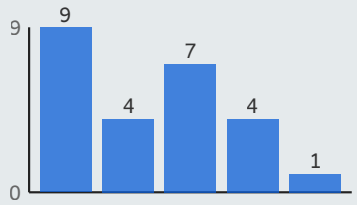
HOW TO ANSWER TODAY

- **Mode (most common).** The mode is the number that appears MOST OFTEN.
- **Lines of symmetry.** A line of symmetry folds the shape so both halves match. Count every direction that works.

  Square → 4 lines (2 middles + 2 diagonals) | Equilateral triangle → 3

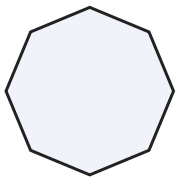
WARM-UP

1. 6th class are keeping a tally of birds spotted at the classroom feeder each morning. On Monday they count **1**, on Tuesday **4**, on Wednesday **7** and on Thursday **10**. If the pattern continues, how many birds will they count on Friday?
2. Oisín tracks how many euros he gets in pocket money each week of half-term. The amounts in euros are **9**, **4**, **7**, **4** and **1**. What is the mode of his weekly pocket money?



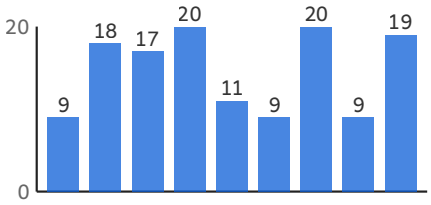
PRACTICE

1. At Camogie training under the floodlights, Aoife counts the cones laid out for each drill of the night. The first four drills use **19**, **25**, **31** and **37** cones, with the same number added each time. How many cones will be laid out for the fifth drill?
2. Tadhg is painting a regular octagon shape onto a banner for the Cumann na mBunscol GAA finals day. He wants to fold the octagon along every line of symmetry to check his design is even. How many lines of symmetry does a regular octagon have?



CHALLENGE

1. Oisín plays a counting-down game at the pond in Wicklow. After **1 minute** his score is **14**, after **2 minutes** it is **9**, after **3 minutes** it is **4**, and after **4 minutes** it is **-1**. Following the same pattern, what will his score be after **5 minutes**?
2. Cian writes down his weekly spelling-test scores in his homework journal over a term: **9**, **18**, **17**, **20**, **11**, **9**, **20**, **9**, **19**. What is the mode of his scores?



REVIEW