

Predict next year's school enrolment

MODEL THIS ON THE BOARD

PREDICTING NEXT YEAR'S SCHOOL ENROLMENT

- 1 This year: **240 pupils**. Next year, **30 pupils** in 6th class are leaving and **35** Junior Infants are starting.
- 2 Predicted total: $240 - 30 + 35 = \mathbf{245 \text{ pupils}}$.
- 3 That's an **increase** of 5 pupils — about $5/240 \approx \mathbf{2.1\%}$.
- 4 If the trend holds, the school will pass **250 pupils** within two more years.

ANSWER KEY

a) Increases of ~15, 10, 15, 10 per year → average ≈ 12.5 /year. Predict ~245 pupils.

Q1: 216°

Q2: 3

Q3: -6

Q4: 32.5

EXTENSION SHEET · STRETCH ANSWERS

S1: 14

S4: 34.5

S2: $\times 3 + 8$

S5: $\times 3 + 6$

S3: $\times 6 + 4$