

Tally charts and frequency tables

WHAT THIS LESSON TEACHES

Tally marks count items one by one, crossing every fifth stroke to make a gate of five; frequency is the total count from the row.

- A row with one gate of five and three single marks has frequency 8.
- Two full gates and four single marks give frequency 14.

MODEL THIS ON THE BOARD

FINDING THE FREQUENCY FROM A TALLY ROW

- 1 Count every full gate of five first.
- 2 Add on the remaining single marks.
- 3 Write the total number as the frequency.

DISCUSSION STARTER

REFLECT Did counting the tally gates in fives speed things up for you?

ANSWER KEY

a) 8

b) 13

c) 11

Q1: 8

Q2: 4

Q3: 6

Q4: 13

a) Always — Each gate is made from five strokes.

b) Never — Frequency equals the exact number of marks.

c) Always — That is the correct method for any tally row.

d) Always — Three times five equals fifteen.

EXTENSION SHEET · STRETCH ANSWERS

S1: 5 gate(s) and 1 singles

Investigation: Invent a class survey — open-ended; scan pupils' working for valid solution paths rather than a single answer.