Lesson 92

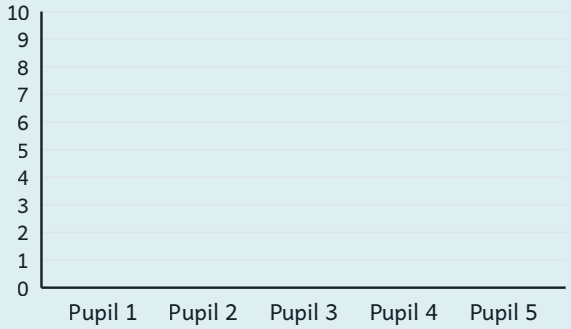
Mean, median, mode, range: measures of centre and spread

QUIZ SCORES 3, 5, 7, 7, 8

1. Write the scores in order: 3, 5, 7, 7, 8.
2. Mean: add them to get **30**, then share 30 by 5 to get **6**.
3. Median: the middle value is **7**.
4. Mode: **7** appears twice, more than any other.
5. Range: highest 8 minus lowest 3 is **5**.

WARM-UP

Use the blank bar chart to show the classroom quiz scores.



1. Draw bars for the five quiz scores 2, 5, 7, 7 and 9
2. Draw a horizontal line across at the mean value 6
3. Mark the mode height of 7 on the chart

PRACTICE

1. Four pupils in the classroom spelling bee scored **4**, **6**, **6** and **8**. What is their mean score?

2. Every pupil in a group of five scored **5** on a tables test. What is the mode?

3. A class team scored **1**, **2**, **2** and **15** goals in four matches. Work out all four statistics.

ALWAYS, SOMETIMES, NEVER

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

a. The mean is found by adding all the values and dividing by how many values there are. ☐

b. The median of a set is one of the values already in the set. ☐

c. The mode is the value that appears most often. ☐

d. The mean sits in the middle of the ordered group. ☐

DATA & CHANCE