Scaled Graphs and Data Interpretation

Today's Standard

3.MD.B3 - Draw a scaled picture graph and a scaled bar graph to represent a data set with several categories. Solve one- and two-step 'how many more' and 'how many less' problems using information presented in scaled bar graphs. For example, draw a bar graph in which each square in the bar graph might represent 5 pets.

Cues	Notes
What is a scaled graph?	Scaled graphs use symbols or units to represent multiple items.
How do you solve 'how many more' problems?	To solve 'how many more' problems, compare categories and subtract.
What are common mistakes with graphs?	Common mistakes include misunderstanding scale and misinterpreting data.
Why are scaled graphs important?	Scaled graphs help in understanding and interpreting large sets of data.
What is the next step after mastering this standard?	Next, students will learn more complex data interpretation and advanced graph types.

Summary

This standard involves creating and interpreting scaled picture and bar graphs. It includes solving 'how many more' and 'how many less' problems. Mastery of this skill is foundational for more advanced data interpretation.