

Lesson 7d: Choose an Appropriate Graph & Misleading Graphs

Objective: Choose an appropriate graph to display data and recognize when data is displaying misleading information.

Warm-up: Math Minute

Learn About It:

Different Ways to Graph Data

1. **Bar graph** – use when data can be counted and you want to make comparisons.
2. **Line graph** – use when you compare data over time.
3. **Pictograph** – use when the data are multiples of a number
4. **Histogram**- use to show how often something happens within equal intervals
5. **Circle graph** – when you want to compare the data to the whole

What graph could I be?

1. My data points are connected so you can see how my data is changing.
2. Each of the symbols stands for the same amount.
3. I can show how many pieces of data fall in different intervals.
4. If you combine my parts, I show a whole.
5. My columns compare amounts, but I am not a histogram

Misleading Graphs

1. A zigzag line is used to show that numbers are missing from a scale.
2. The graph does not have a scale with equal intervals.

Practice 7.4 and reteach 7.4

Practice 7.5, Reteach 7.5 and Problem Solving 7.5

Homework: 7.4

App of the Day: Graphs

