Grade 3 Unit 1
Lesson 6
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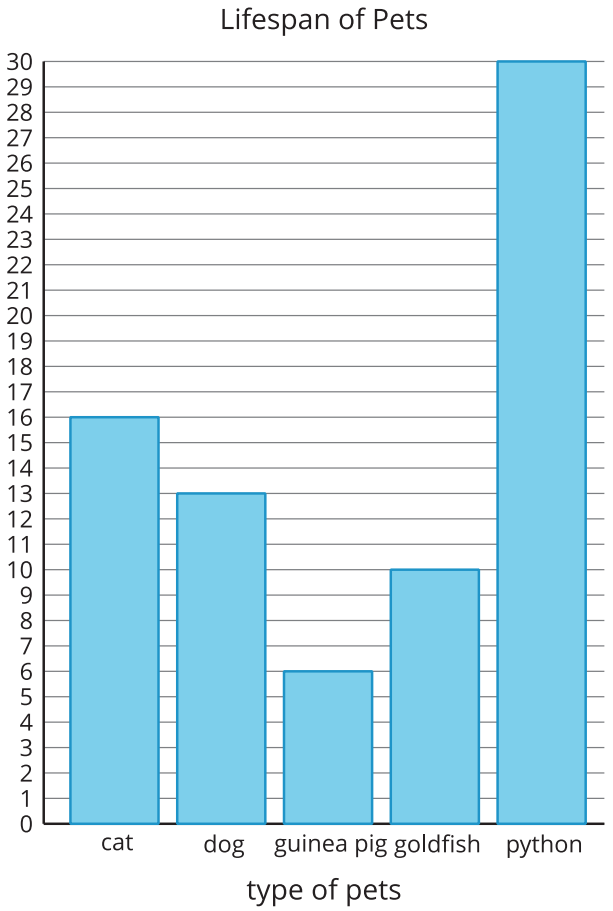
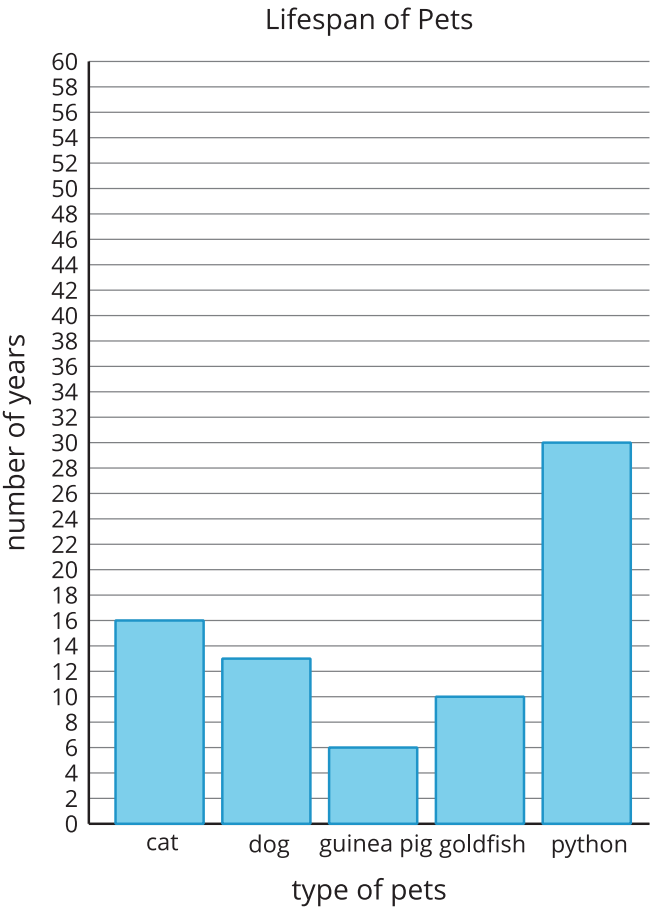
Unit 1 Lesson 6: Choose a Scale

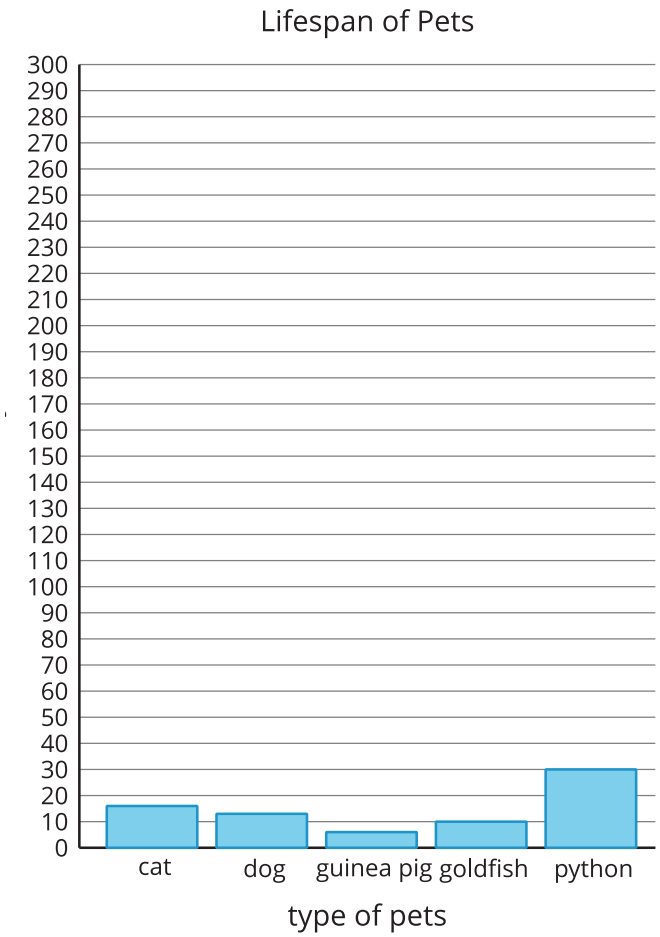
WU Notice and Wonder: Bar Graph Scales (Warm up)

Student Task Statement

What do you notice? What do you wonder?



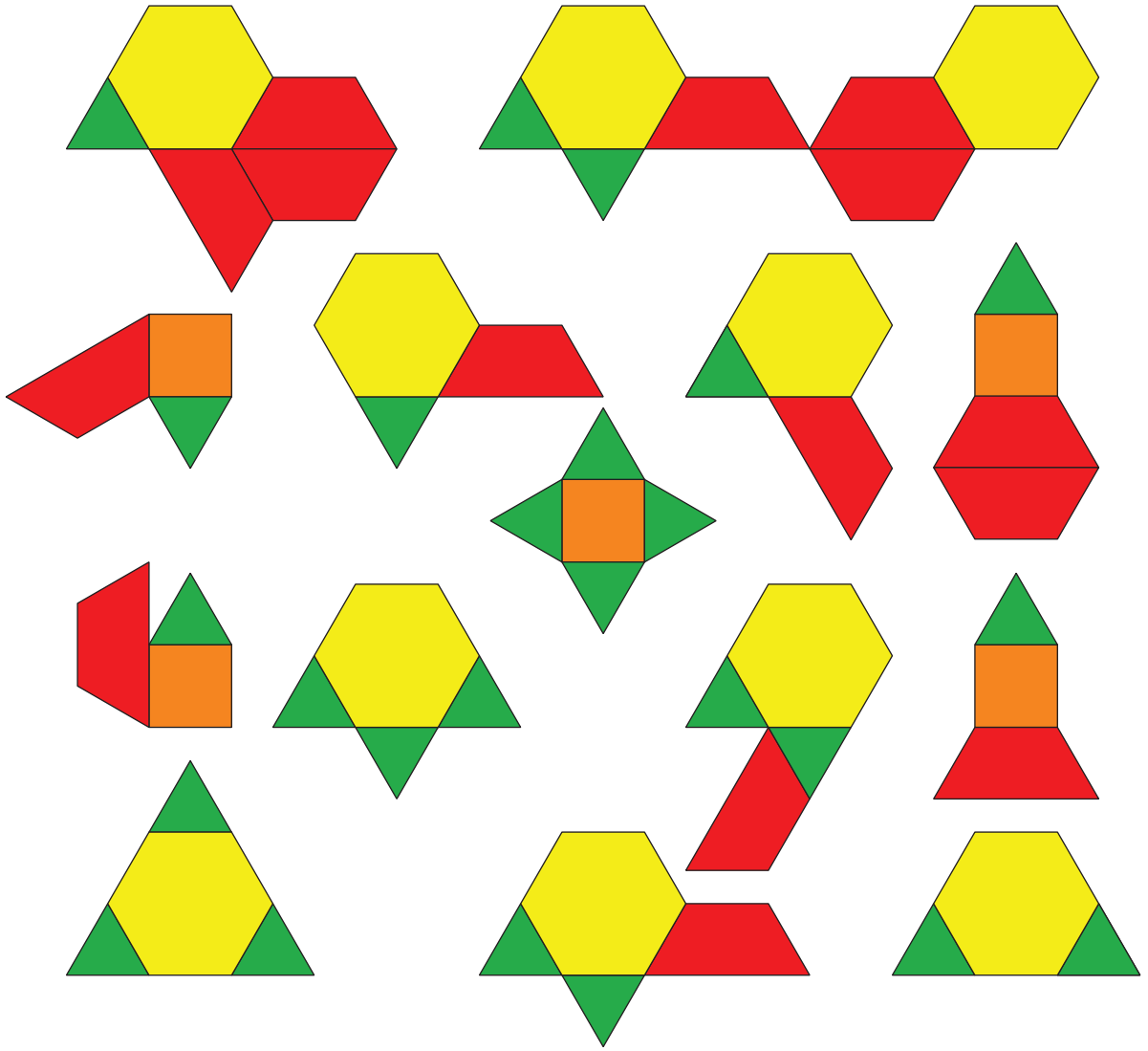




1 Represent Pattern Blocks

Student Task Statement

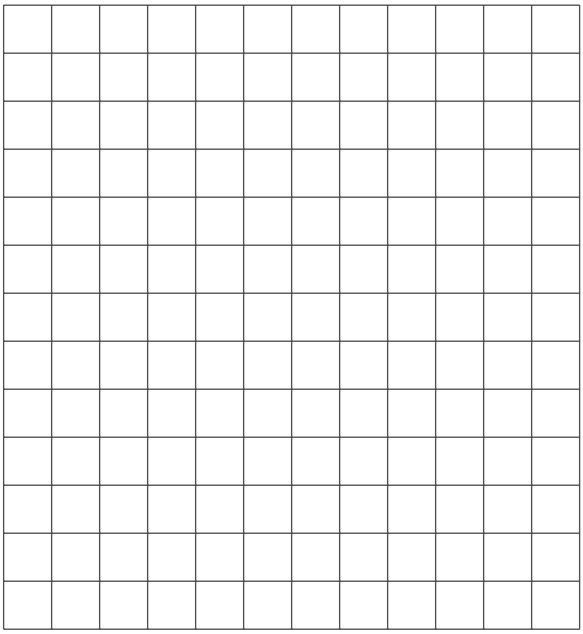
Here is a collection of pattern blocks.



Mai, Noah, and Priya want to make a bar graph to represent the number of triangles, squares, trapezoids, and hexagons in the collection.

- Mai says the scale of the bar graph should be 2.
- Noah says the scale of the bar graph should be 5.
- Priya says the scale of the bar graph should be 10.

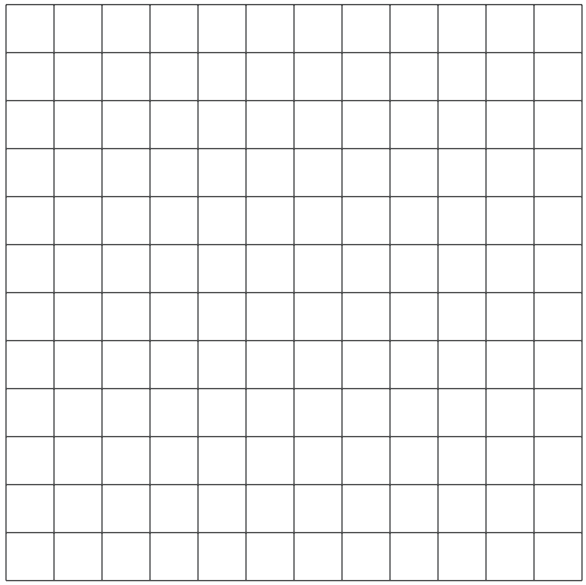
1. Who do you agree with? Explain your reasoning.
2. Use the scale that you chose to create a scaled bar graph to represent the collection of pattern blocks.



2 Represent More Data in a Scaled Bar Graph

Student Task Statement

All the third-grade students at school were asked, “What is your favorite time of the year?” Their responses are shown in this table:

favorite time of the year	number of students
winter	24
spring	13
summer	40
fall	22

Use the data from this table to create a scaled bar graph.