

1 Warm-up: Skip Counting

2-min Fluency Warm-up — Skip count. This helps you read graph keys fast!

Count by 2s: 2, 4, _____, _____, 10

Count by 5s: 5, 10, _____, _____, 25

Count by 2s: 6, 8, _____, _____, 14

Count by 5s: 15, 20, _____, _____, 35

2 What Is a Picture Graph?

A **picture graph** uses symbols to show data. The **key** tells you what each symbol is worth. Our class voted for their favorite pets:
Each ★ stands for 1 vote. Count carefully!

Key: ★ = 1

Dogs: ★★★★★★★★ (8 items)

Cats: ★★★★★★ (6 items)

Fish: ★★★ (3 items)

Birds: ★★★★★ (5 items)

3 Answer Questions About the Graph

Use the pet graph above to answer. Show how you counted.

How many children voted for dogs?
Answer: _____

Which pet got the FEWEST votes?
Answer: _____

How many more voted for dogs than fish?
Answer: _____

How many children voted in all?
Answer: _____

4 Number Talk: Compare Without Counting

Number Talk — Answer WITHOUT counting every symbol.

Just by LOOKING at the pet graph, which row is longest? How does that tell you the most popular pet?
My thinking: _____

Dogs have 8 votes and cats have 6. Explain how you can see the difference is 2 without counting all the stars.
My thinking: _____

5 Word Problem

Read carefully. Think about what is happening.

Mrs. Lane's class made a picture graph of lunches sold. Pizza had 7 symbols and tacos had 4 symbols. Each symbol = 1 lunch. How many MORE pizzas were sold than tacos?

Draw or write your thinking: _____

_____ more pizzas