

GRAPHS

interactive NOTEBOOK

3RD GRADE

This unit includes
12 different
graphing
activities

math



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Table of Contents with each activity listed for quick reference.

WHAT IS YOUR FAVORITE ICE CREAM FLAVOR?

Vanilla	4
Chocolate	6
Strawberry	3
Mint	5
Cookie Dough	10

FREQUENCY CHART

Use the frequency chart to answer the questions.

What is the most popular ice cream flavor?

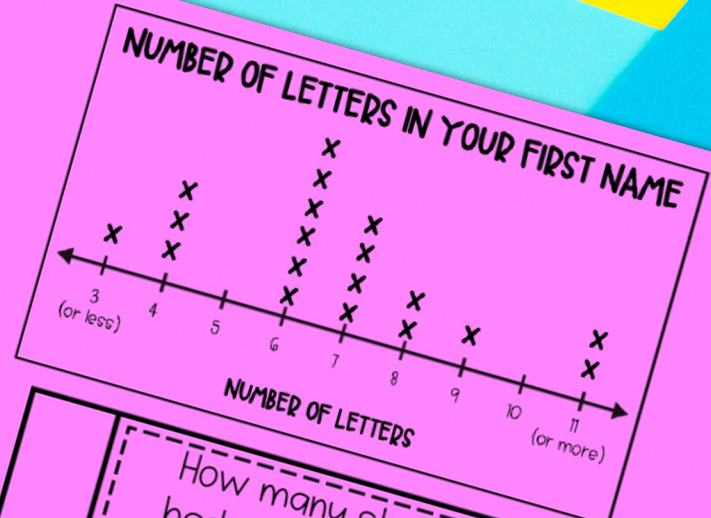
How many more people like chocolate than strawberry?

How many people like either vanilla or mint?

How many people did not choose cookie dough?



A great tool for practicing new skills and assessing mastered skills.



LINE PLOT

Use the line plot to answer the questions.

- How many students had 6 letters in their first name?
- How many more students had 7 letters in their name than 8 letters?
- How many students had either 3 letters or 4 letters in their name?
- How many students were surveyed?

Super-simple cuts and no unnecessary coloring.

PICTOGRAPH FLAPS

- Each student will need a page with the graph and flaps. Multiple templates are included for differentiation.

- First, cut out the graph at the top of the page.

- Cut out the large rectangle containing the 4 flaps.

- Carefully cut between each flap, being sure to stop before the title strip on the left.

- Apply glue to the underside of the "Pictograph" title strip.

- The "Pictograph" title strip should be glued on the notebook page so that each of the 4 flaps open to the left.

FAVORITE PIZZA TOPPING

Flavor	Number of Students
Pepperoni	10
Mushrooms	5
Onions	3
Sausage	2
Supreme	1

PICTOGRAPH

Flavor	Number of Students
Pepperoni	10
Mushrooms	5
Onions	3
Sausage	2
Supreme	1

PICTOGRAPH

Flavor	Number of Students
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LINE PLOT WORD PROBLEMS FLAPS

Each student will need one page of flaps. Multiple templates are included to allow for differentiation.

Write the rectangular title at the top of the page.

Draw a large rectangle with all the flaps inside.

Cut carefully between each separate flap.

Apply glue to the underside of each flap.

WORD PROBLEMS

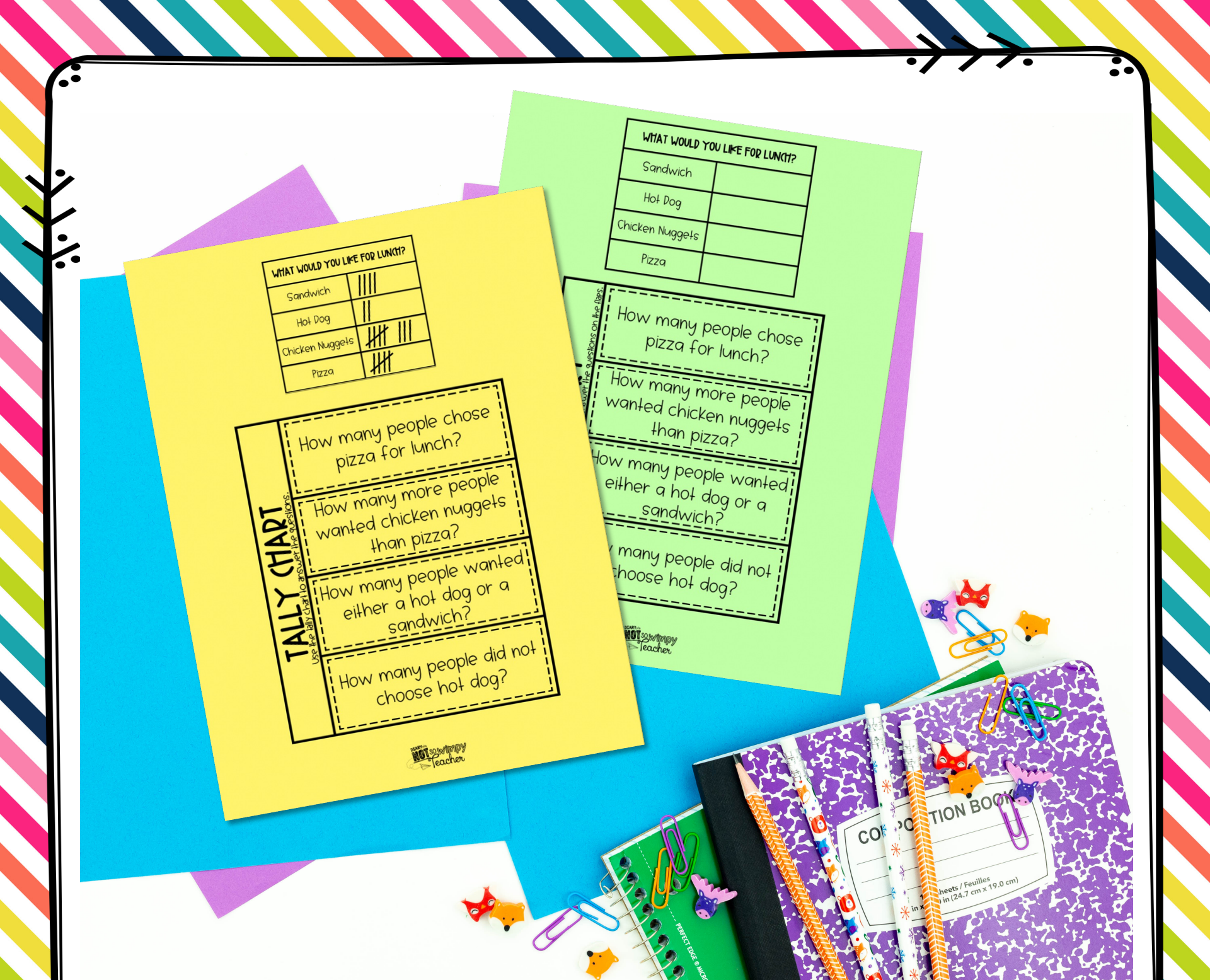
Write each line about the word problems. Be sure to show your work.

1. Last year, the school bought 1000 new books. This year, they bought 1500 more books. How many books did they buy in total?
2. The height of a mountain is 1000 feet. The height of another mountain is 2000 feet. How much taller is the second mountain?
3. The school has 1000 students. There are 500 boys and 500 girls. How many more students are there than boys?
4. The school has 1000 students. There are 500 boys and 500 girls. How many more students are there than girls?

glue

Glue each flap to the notebook page so that each of the 4 flaps open to the left.

Detailed cutting and gluing directions for each activity page.



Multiple versions of most activities allow for differentiation.



Activity answer keys included for easy checking.