

Our Store Day Graph

GRADE 1

MATHEMATICS

B2.3

D1.3

On store day the class bought 8 stickers, 5 pencils, 6 badges and 3 books. A picture graph shows one picture for each thing bought, so the rows can be compared at a glance.

PART A: HOW MANY?

1. Stickers and pencils together: _____.
2. Badges and books together: _____.
3. How many more stickers than books: _____.
4. Stickers, pencils and books together: _____.
5. Stickers and badges together: _____.
6. How many more badges than books: _____.
7. Pencils and books together: _____.

PART B: MOST AND LEAST

8. Which kind was bought the most, and how many were there?

Answer: _____

9. Which kind was bought the least, and how many were there?

Answer: _____

10. How many more badges than pencils were bought?

Answer: _____

11. How did you work out how many more stickers than books were bought? Write down what you did.

SHOW YOUR WORK

Answer: _____

PART C: PARTS OF A GRAPH

12. On a graph with one picture for each thing, the sticker row has:
 (A) 8 pictures (B) 1 picture (C) 16 pictures
13. What tells a reader where the numbers came from?
 (A) The source (B) The title (C) The colour

PART D: BUILD THE GRAPH

14. Draw the graph for all four kinds. Use one star for each thing bought. Add a title, a label for each row, and a line saying where the numbers came from.

TITLE _____

KEY: ☆ = 1

WHERE THE NUMBERS CAME FROM _____

Our Store Day Graph

ANSWER KEY

1. 13
2. 9
3. 5
4. 16
5. 14
6. 3
7. 8
8. Stickers, with 8.
9. Books, with 3.
10. 1 more.
11. Any clear method, for example counting up from 3 to 8, or taking 3 away from 8.
12. A) 8 pictures
13. A) The source
14. Rows of 8, 5, 6 and 3 stars labelled stickers, pencils, badges and books, with a title such as "Store Day Purchases" and a source line saying the class counted them on store day.

TEACHER NOTES

The grade-level expectation: one-to-one correspondence with a title, labels and a source. Part B uses most and least rather than just totals, which is the comparison a picture graph is best at showing. The last question in Part B is the "explain the strategies used" half of B2.3, so accept any method the child can describe, including counting on.