



GRADE 1 / WATCH MR DJ SOLVE

SORTING, COUNTING AND PICTURE GRAPHS

Start with the same example used in the lesson slides.



WATCH MR DJ SOLVE

Votes: A=2, B=4, C=3. Draw one picture per vote.

- 1 Label the three categories.
- 2 Draw one picture for each vote.
- 3 Key: one picture means one vote.

Answer: 2, 4, 3 pictures.



REMEMBER sort data into up to three categories and compare their counts.

Read each step and explain why it is valid. The next pages demonstrate the methods in more detail. Then use the large work areas on the numbered practice pages.



GRADE 1 / WORKED METHODS

SORTING, COUNTING AND PICTURE GRAPHS

Read a complete example before trying the matching method.

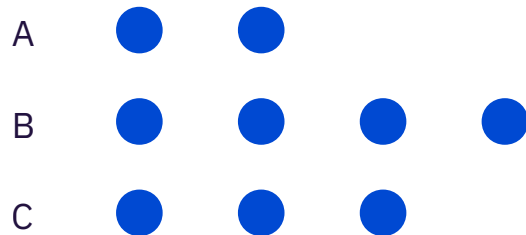


Use these examples as a reference. Keep each quantity and its unit visible. A different valid method is welcome unless a question specifically requests one.

One picture for each vote

A=2, B=4, C=3

1. Label A, B and C.
2. Draw one picture per vote.
3. The key says what one picture means.



Key: one circle = one vote



GRADE 1 / WORKED METHODS

SORTING, COUNTING AND PICTURE GRAPHS

Read a complete example before trying the matching method.

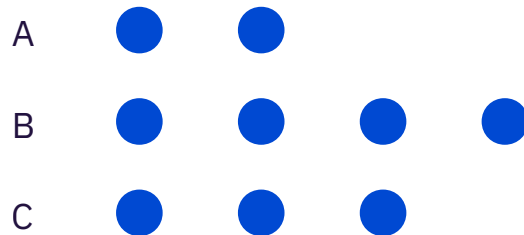


Use these examples as a reference. Keep each quantity and its unit visible. A different valid method is welcome unless a question specifically requests one.

Totals and extra votes

9 total votes; B has 2 more than A

1. Count all categories: $2+4+3=9$.
2. Match A's two with B's four.
3. Two extra votes remain in B.



Key: one circle = one vote

GRADE 1 / MATHEMATICAL WORK TOOL

SORTING, COUNTING AND PICTURE GRAPHS

Draw, build or tell.



Use up to three category labels. State the key. Draw one picture for each object and count each category.





GRADE 1 / PRACTICE

SORTING, COUNTING AND PICTURE GRAPHS

Draw, build or tell your thinking.



Use the worked-method reference when helpful. Draw, build or tell your thinking. An adult may read the directions.

◀ Mild

1. Votes: A=2, B=4, C=3. How many votes in all?

My answer or words: _____



GRADE 1 / PRACTICE

SORTING, COUNTING AND PICTURE GRAPHS

Draw, build or tell your thinking.



Use the worked-method reference when helpful. Draw, build or tell your thinking. An adult may read the directions.

◀ Mild

2. Votes: A=2, B=4, C=3. How many more votes has B than A?

My answer or words: _____



GRADE 1 / PRACTICE

SORTING, COUNTING AND PICTURE GRAPHS

Draw, build or tell your thinking.



Use the worked-method reference when helpful. Draw, build or tell your thinking. An adult may read the directions.

🔊 Medium

3. Votes: A=2, B=4, C=3. Which category has the fewest?

My answer or words: _____



GRADE 1 / PRACTICE

SORTING, COUNTING AND PICTURE GRAPHS

Draw, build or tell your thinking.



Use the worked-method reference when helpful. Draw, build or tell your thinking. An adult may read the directions.

🔊 Medium

4. Votes: A=2, B=4, C=3. How many votes have A and C together?

My answer or words: _____



GRADE 1 / PRACTICE

SORTING, COUNTING AND PICTURE GRAPHS

Draw, build or tell your thinking.



Use the worked-method reference when helpful. Draw, build or tell your thinking. An adult may read the directions.

🔊 Medium

5. Votes: A=2, B=4, C=3. Sort counters onto three labeled mats.

My answer or words: _____



GRADE 1 / PRACTICE

SORTING, COUNTING AND PICTURE GRAPHS

Draw, build or tell your thinking.



Use the worked-method reference when helpful. Draw, build or tell your thinking. An adult may read the directions.

🔥🔥🔥 Spicy

6. Digit draws only 2 pictures for A and forgets B and C. Is the graph complete?

My answer or words: _____



Date _____

SORTING, COUNTING AND PICTURE GRAPHS

A cartoon fox character with orange fur, large eyes, and a purple scarf, holding a yellow pencil.

7. **Votes: A=2, B=4, C=3. Move one vote from B to A. Record new counts.**

My answer or words: _____



GRADE 1 / PRACTICE

SORTING, COUNTING AND PICTURE GRAPHS

Draw, build or tell your thinking.



Use the worked-method reference when helpful. Draw, build or tell your thinking. An adult may read the directions.

Extra Spicy

8. Make new counts for A, B and C with total 9. Can the most popular category change?

My answer or words: _____