

Learn About

Interpreting Graphs and Charts: Pictographs, Bar Graphs and Tally Charts

Some graphs and charts are used to show how many items are in a group. A **pictograph** uses pictures to show how many. A **bar graph** uses numbers and bars to show how many. **Tally charts** use lines called tally marks to show how many. Groups of 5 tally marks are shown like this *||||*. Each of the charts and graphs below show that there are 3 cars and 6 blocks.

Pictograph

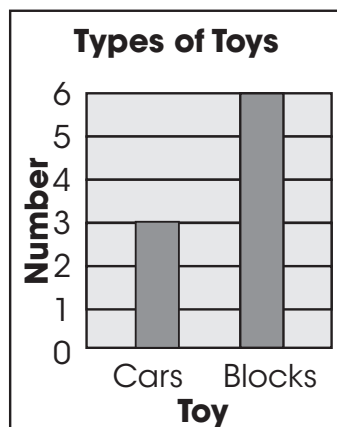
Types of Toys

Toy	Number
Cars	▼▼▼
Blocks	▼▼▼▼▼▼

▼ = 1 toy

Bar Graph

Types of Toys



Tally Chart

Types of Toys

Toy	Number
Cars	
Blocks	/

Jeremy has a marble collection. His marbles are 3 different sizes. The number of marbles of each size is shown in the pictograph. How many medium-size marbles does Jeremy have?

Marble Sizes

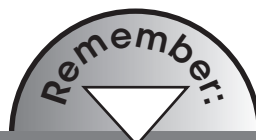
Marbles	Number
Small	●●●●
Medium	●●●●●●
Large	●●●

● = 1 marble

Each dot equals 1 marble.

There are 6 dots in the row for medium-size marbles.

Jeremy has 6 medium-size marbles.



Pictographs use pictures to show how many. **Bar graphs** use numbers and bars to show how many. **Tally charts** use lines called tally marks to show how many.

Learn About

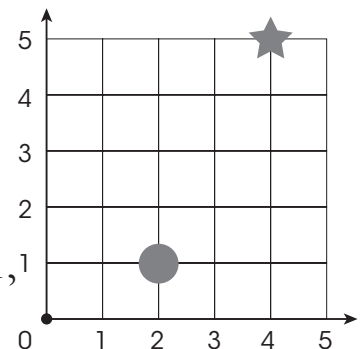
Interpreting Graphs and Charts: Calendars and Grids

A **calendar** shows the days, weeks and months in a year. The days of the week and the dates for a month are listed in rows and columns on a calendar. This calendar shows that the first day in May is a Wednesday. Also, the second Friday of the month is 10 May.

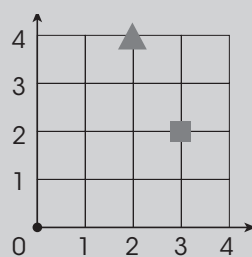
May						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

A **grid** shows the locations of items. Grids have numbers. Some numbers go left and right. Other numbers go up and down. The numbers are used to find items on the grid.

This grid shows that the circle is over 2 and up 1, and the star is over 4 and up 5.



Danny drew this grid in maths class. Where is the square?



First count over. Then count up. The square is over 3 and up 2.



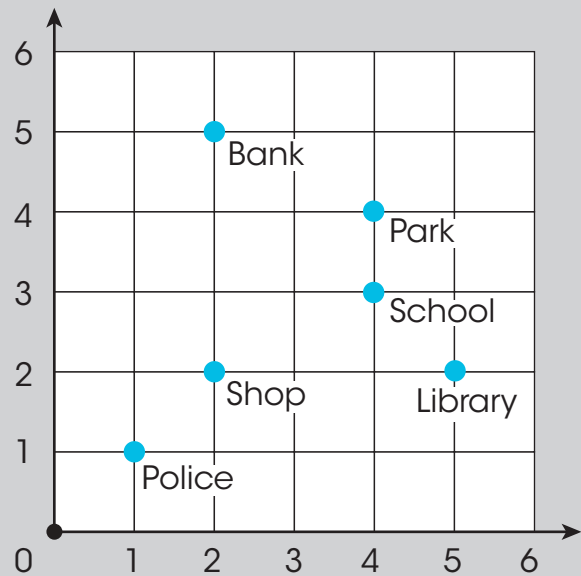
A **calendar** shows the days, weeks and months in a year.
A **grid** shows the locations of places and items.

Lesson 11

Read the passage.
Then do Numbers 1–5.

Mandy's Map

The map shows some places in Mandy's town.
Mandy uses the map to find places to go.



1. What place is over 4 and up 3?

- Ⓐ park
- Ⓑ school
- Ⓒ shop
- Ⓓ bank

2. What place is over 4 and up 4?

- Ⓐ bank
- Ⓑ shop
- Ⓒ school
- Ⓓ park

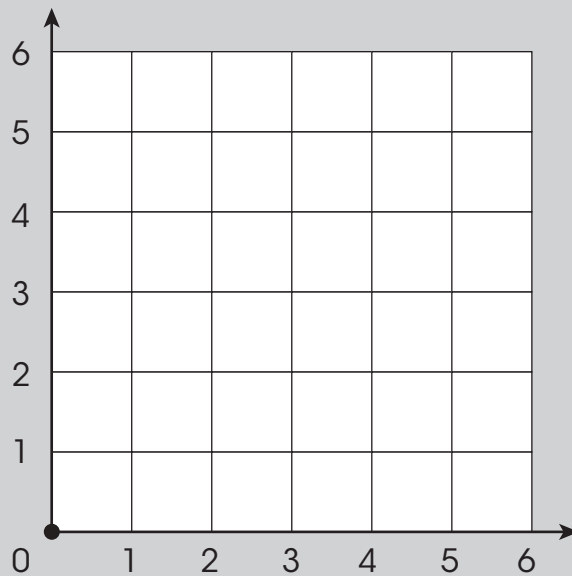
3. Where is the police station?

- Ⓐ over 1 and up 1
- Ⓑ over 2 and up 1
- Ⓒ over 1 and up 2
- Ⓓ over 2 and up 2

4. Where is the library?

- Ⓐ over 2 and up 5
- Ⓑ over 5 and up 5
- Ⓒ over 2 and up 2
- Ⓓ over 5 and up 2

5. Use the grid below. The fire station is over 5 and up 1. Draw a circle to show the fire station. Show your work in the space below. Remember to check your solution.



Write your solution.

Explain how you found your solution.

Self-Assessment

Lessons 1 - 5

1

Answer these questions after you have completed Lessons 1-5.

FOCUS on Interpreting Graphs and Charts, Book A

Name _____ Date _____

1. How well did you do in Lessons 1-5? Circle your answer.

great

good

could have done better

2. Did you have any trouble with the questions? _____
If so, what kind of trouble did you have?

3. Complete this sentence. *I could have done even better in Lessons 1-5 if*

4. What do you want to do differently in Lessons 6-10?

Cut along the dotted line.