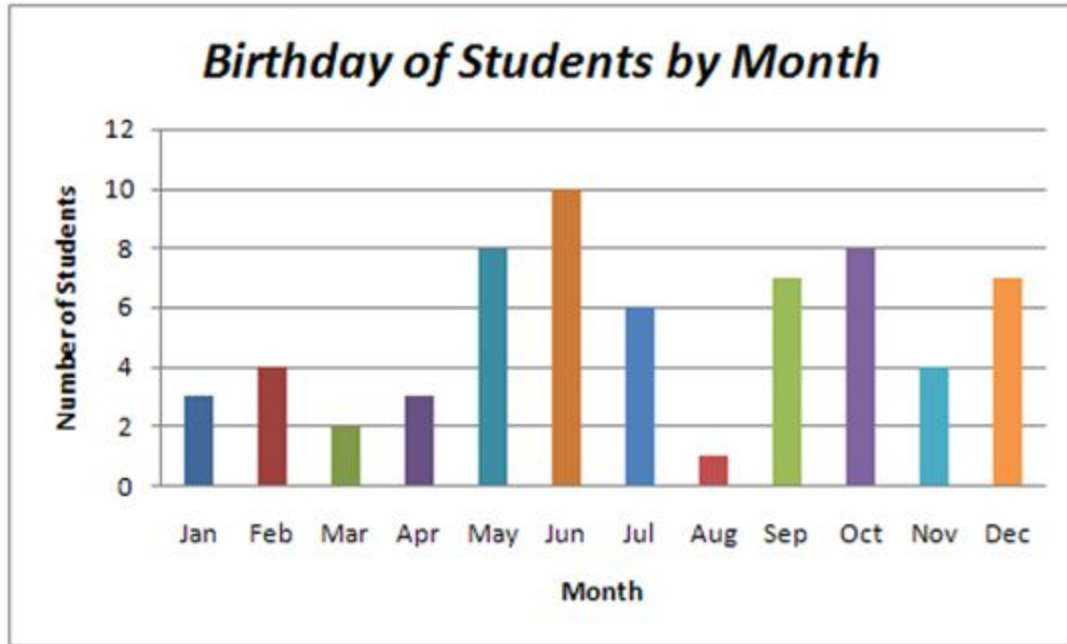Test Date: _____

1. Professor McGonagall's third grade class took a survey of which month their birthdays were in.

Birthday of Students by Month

Which statement about the number of student birthdays is true?

(A) 4 students have birthdays in January

(B) The most birthdays are in May

(C) Fewer students have birthdays in March and April than June and July.

(D) More students have birthdays in October and August than June and July combined.

2. Aladdin wants to get cookies for his book club. The book club members are voting for their favorite type of cookies. The results are shown in the pictograph below.

Favorite cookie

Cookie	Number of students
Peanut butter	⬤⬤⬤⬤⬤
Chocolate chip	⬤⬤⬤⬤
Ginger snap	⬤⬤
Animal cracker	⬤⬤⬤
Each ⬤	= 2 cookies
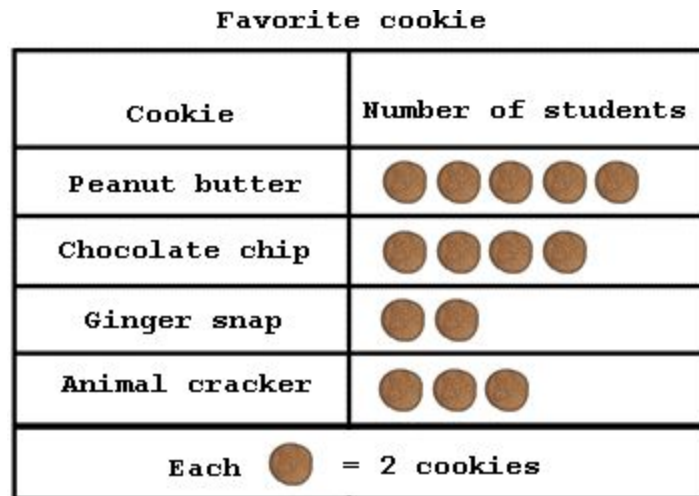
How many members selected peanut butter cookies as their favorite type of cookie?

_____ members

How many members took the survey?

_____ members

3. Moana asked her friends what their favorite ice cream was. Their results are shown in the tally chart.

Favorite Ice Cream

Vanilla	ЖІ ІІІІ
Chocolate	ЖІ ІІ
Strawberry	ІІІ
Butter Pecan	ІІІІ

Using the information from the tally chart, make a bar graph on the grid below to show how many friends like each type of ice cream.

Be sure to:

-title the graph

-label the axes

-graph all of the data

-use an appropriate scale
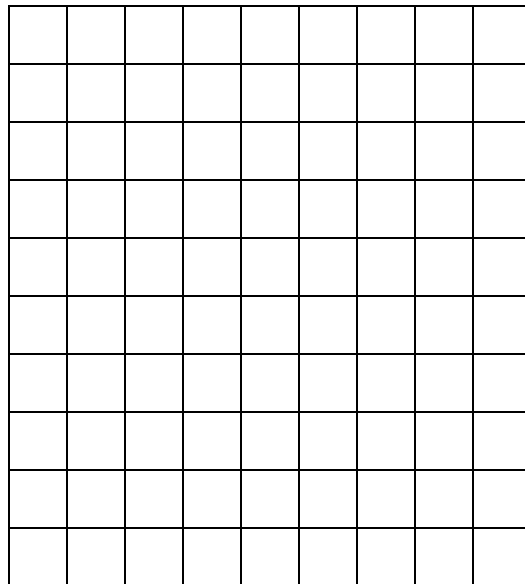
4. The table below shows the number of books sold at the book fair.

| Monday	20 books
Tuesday	25 books
Wednesday	35 books
Thursday	50 books
Friday	40 books

Use the information in the table to complete the pictograph below. Remember to make a key for your pictograph.

Days	Books Sold

What is the total number of books sold at the book fair?

_____ books

5. Opal is reading lots of books. The graph below shows how many hours she spent reading books in 5 days.

Hours Reading Books
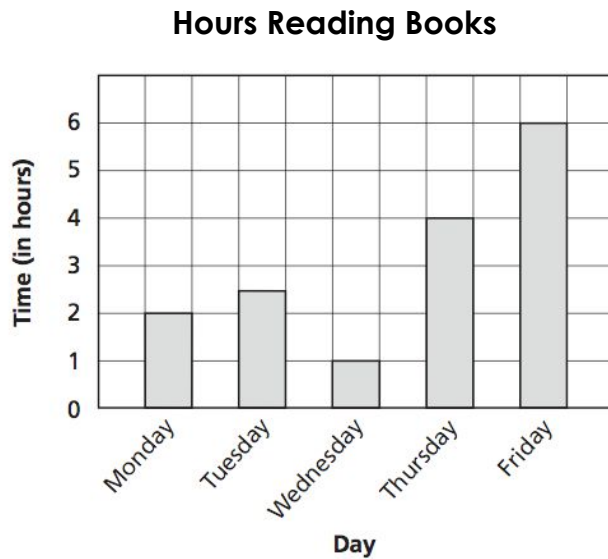
How many more hours did Opal spend reading books on Thursday than Monday?

_____ hours

How many hours did she spend reading on Monday AND Friday? Show your work.

_____ hours

6. Students in Mrs. Potter's class measured their wands and recorded their lengths in the table below.

Wand Lengths in Inches

8 ¼	9 ½	9	9	9	8	8
8 ¾	8 ¾	8 ½	9 ¾	9 ½	10	10

Using the data from the table above, create a line plot in the space provided. Be sure to include a title and label the line plot correctly.