

SOLVING WORD PROBLEMS

NAME _____ DATE _____

Riddle 40
.....

What did the ghost eat for lunch?



What To Do
.....

Solve the problems below. Write your answers in simplest terms.
Match each answer to a letter in the Key. Then write the letter in the space above its problem number to find the answer to the riddle.

- 1 There are 10 apples. Six of the apples are green. What fraction of the apples are green? _____
- 2 There are 20 pens. Thirteen of the pens are black. Seven of the pens are blue. What fraction of the pens are blue? _____
- 3 There are 12 pieces of fruit in a basket. There are 3 bananas, 5 apples, and 4 oranges. What fraction of the fruits are bananas? _____
- 4 There are 9 crayons. Four of the crayons are blue. Two of the crayons are yellow. Three of the crayons are red. What fraction of the crayons are not blue? _____
- 5 There are 11 cups. Six of the cups contain milk. One of the cups contains soda. Four of the cups contain water. What fraction of the cups contain milk and water? _____
- 6 There are 15 T-shirts. Twelve of the shirts are brown. What fraction of the shirts are brown? _____
- 10 There are 17 pictures. Eight of the pictures are of Jim. Four of the pictures are of Marla. What fraction of the pictures are of Marla? _____

Key

.....

15 L

7 F

5/9 Y

13/20 E

24 O

8 N

10/11 O

1/4 E

4/5 B

12 K

7/20 O

2/3 O

4/17 N

3/5 S

6 A

Riddle Answer A O L andwich

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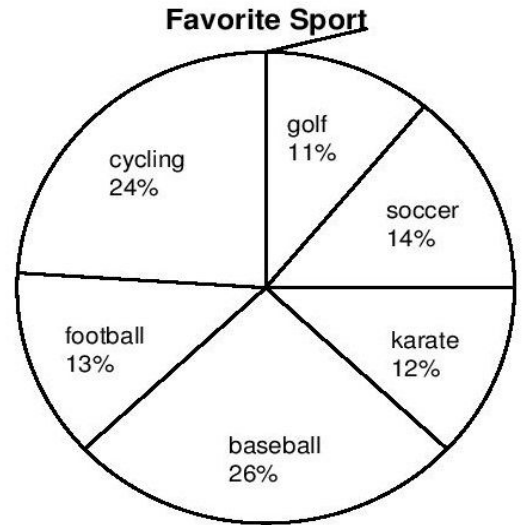
8
6
9
2
-
7
5
10
3
4
1

Interpret the pie charts given below and answer the questions:

Reading Pie Graphs

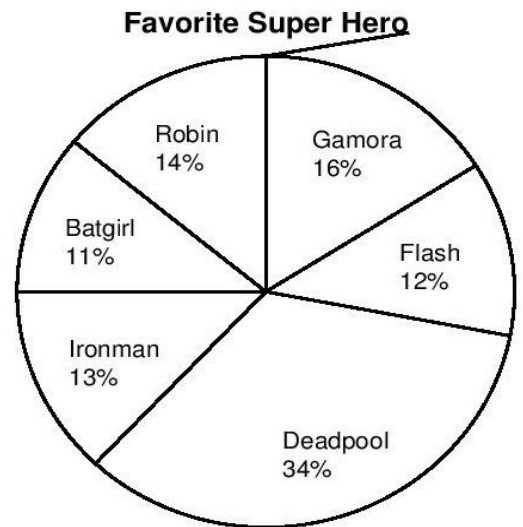
One high school tracked its students's favorite sports by having the kids vote.
Answer the questions based on the pie graph below.

- 1) Which sport is the least popular among the students? _____
- 2) What percentage of students chose baseball or soccer? _____
- 3) Which two sports account for half of the votes? _____
- 4) What percent of those polled voted for karate? _____
- 5) Which sport is the most popular? _____



A local comic book store tracked fans' favorite superheroes by having them vote.
Answer the questions based on the pie graph below.

- 1) Which superhero is the least popular among fans? _____
- 2) Which two superheroes account for half of the votes? _____
- 3) Which superhero is the most popular? _____
- 4) What percent of fans voted for Robin? _____
- 5) What percentage of fans chose Gamora or Flash? _____



Task 3: Students have to choose an appropriate graph to plot the data given below:

Months	Number of pets sold
January	24
February	60
March	96
April	12
May	36
June	84

Answer the following questions after plotting the graph:

- How many pets were sold in February and July combined?
- How many more pets were sold in March than in April?
- How many pets were sold in May, April, and January?
- In August, twice the number of pets were sold than in March. How many pets were sold in August?
- Were more pets sold in January or in April?