

Name : _____

Score : _____

Teacher : _____

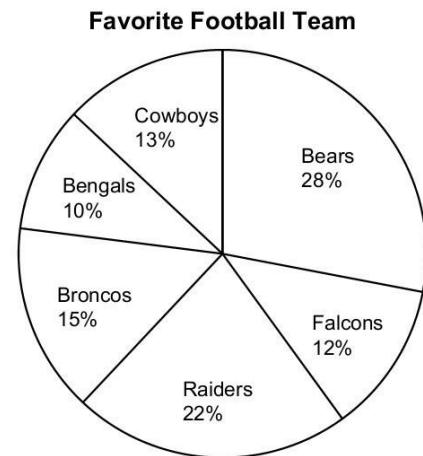
Date : _____

Reading Pie Graphs

A sports radio station asked local listeners for their favorite football team.

Answer the questions based on the pie graph below.

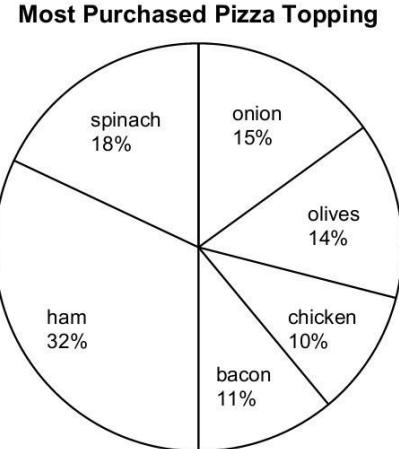
- 1) Which two teams account for half of the picks? _____
- 2) What percentage of listeners picked the Bengals? _____
- 3) Which football team is the most popular? _____
- 4) Which team was the least popular among listeners? _____
- 5) What percentage of people chose the Cowboys or the Bears? _____



A local pizzeria tracked which pizza toppings customers purchased.

Answer the questions based on the pie graph below.

- 1) What percentage of customers picked onion? _____
- 2) What percentage of customers chose the chicken or the spinach? _____
- 3) Which two toppings account for half of the purchases? _____
- 4) Which topping is the least popular among customers? _____
- 5) Which topping is the most popular? _____

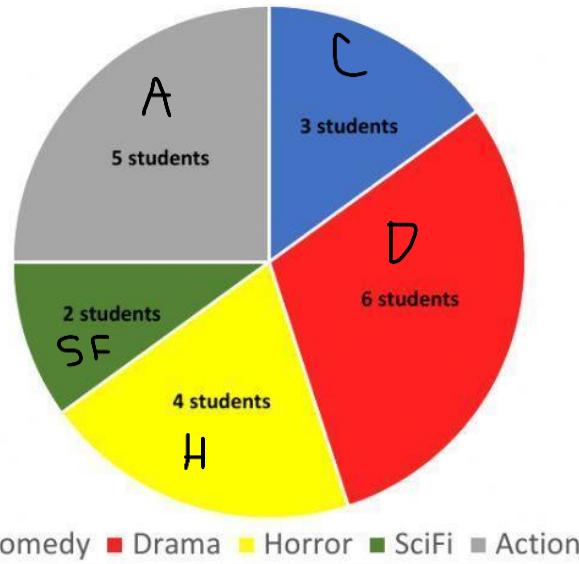


Part b) If 360 people were interviewed in both situations above, then how many people chose each sector.

Name: _____

Pie Chart

Favorite Type of Movie



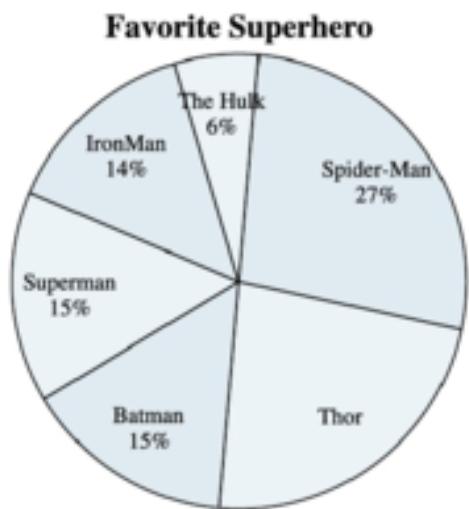
1. What is this pie chart about? _____
2. How many students like horror movies? _____ students
3. What percent of students like action movies? _____ %
4. What type of movie do most students like the best? _____
5. What is the least liked movie type? _____
6. How many students like drama than horror? _____ students
7. What percent of students like sci-fi movies? _____ %
8. What is the central angle of the sector for horror movies? _____ °
9. What percent of students like comedy or sci-fi movies? _____ %
10. What is the total number of students who answered this survey about favorite type of movie? _____ students



Reading a Pie Graph

Name: _____

Use the graph to solve.



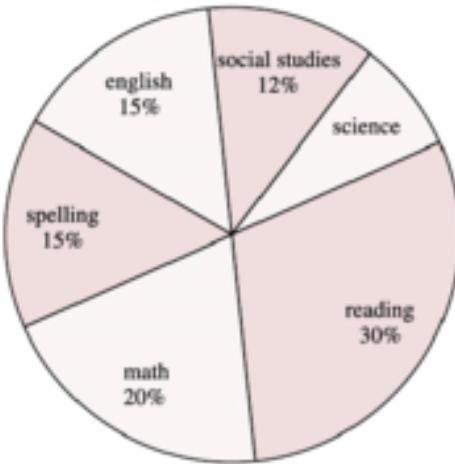
- 1) Which hero was the most popular?
- 2) Which hero was the least popular?
- 3) What percent of people said Thor was their favorite?
- 4) What percent of people said either Superman or Spider-Man was their favorite?
- 5) Which two heroes did about half the people say was their favorite?

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

- 6) The most time was spent on which subject?
- 7) The least time was spent on which subject?
- 8) What percent of the time was spent working on science?
- 9) What is the combined amount of time spent on reading and science?
- 10) Which two subjects accounted for about half the time spent?

Time Spent on Homework



- 11) Using the first pie chart (Favorite Superhero) calculate the number of students that voted for each super hero if there were 500 people surveyed.

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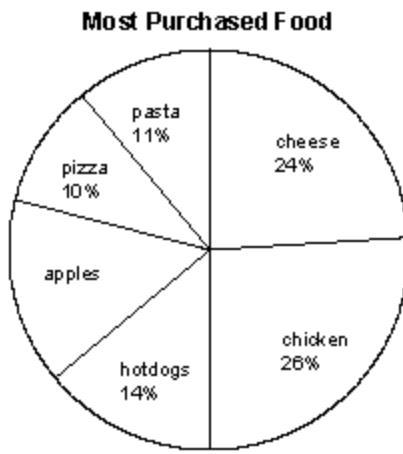
Date : _____

Reading Pie Graphs

A local grocery tracked which food stuffs customers purchased.

Answer the questions based on the pie graph below.

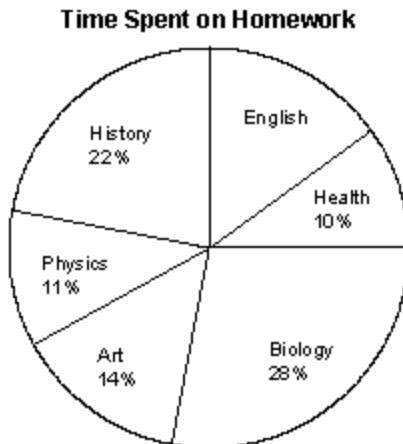
- 1) Were chicken and pasta chosen more than hotdogs and pizza; or were they equally bought? _____
- 2) Combined, which two foods did the greatest number of customers buy? _____
- 3) Between chicken and pasta which food was more popular; or were they equally popular? _____
- 4) If there were 200 customers that were tracked, how many bought pizza? _____
- 5) What percent of customers bought either apples or cheese? _____



Chris tracked the time he spent on homework per topic during one week.

Answer the questions based on the pie graph below.

- 1) Between History and Physics which topic took longer; or did they require equal time? _____
- 2) What percentage of time did Chris spend on the English and Health homework? _____
- 3) Was the History and Physics work or the Biology and Art work longer; or were they equally time consuming? _____
- 4) If Chris spent 100 minutes on homework, how many minutes were spent on Art? _____
- 5) Combined, which two topics required the greatest amount of time? _____



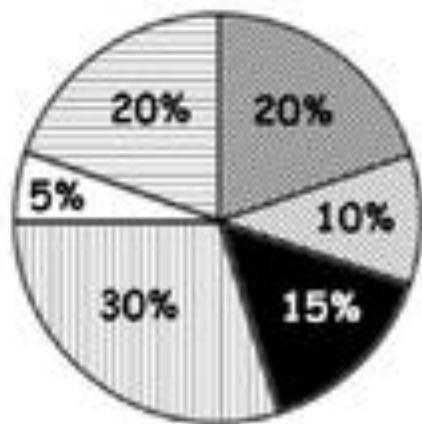
Name _____

Date _____

LO: To read and interpret pie charts involving percentages.
Favourite Pets Challenge 1.



Favourite Pets



60 Year 6

1. How many Year 6 pupils picked cats as their favourite pets?
2. What percentage did not vote for lizards?
3. How many more votes went to fish compared to tortoises?
4. Altogether how many votes went to dogs and cats?
5. Two thirds of those who voted for "Other" pets wanted hamsters.
How many votes was that for hamsters?
6. If half of those who picked tortoise changed to cats, how many votes would cats then have?
7. What fraction (not percentage) voted for fish, lizards and "other" combined?