

What Is the Store Policy at Plastic Mart?



Write the letter of each exercise in the box for that answer.

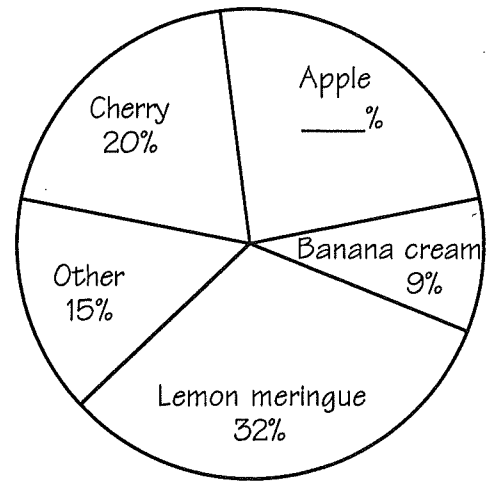


Survey Results: What is your favorite kind of pie?

The "pie chart" shows how 175 people responded to this question.

- E. What percent of those surveyed chose apple?
- A. How many people chose apple?
- L. How many people chose cherry?
- S. What is the measure of the central angle for the "Lemon meringue" sector? * Think percent of 360° +
- I. What is the measure of the central angle for the "Banana cream" sector?
- A. What is the sum of the central angle measures in any circle graph?

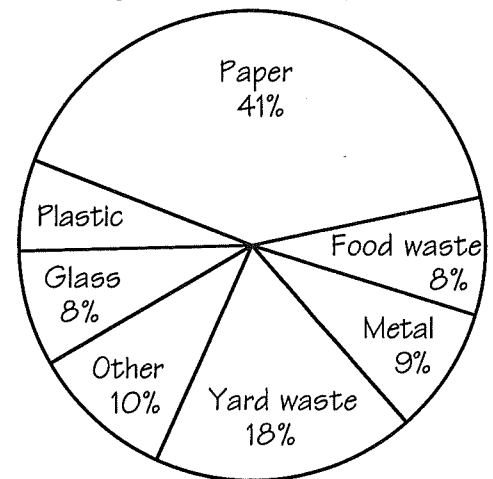
Favorite Kind of Pie



What's in the average American's trash can? The average American throws away about 1800 lb of trash per year. The graph shows the makeup of that trash.

- L. What percent of the trash is plastic?
- N. How many pounds of glass are thrown away by the average American each year?
- A. How many pounds of paper are thrown away by the average American each year?
- E. What is the measure of the central angle for the "Yard waste" sector?
- L. What is the measure of the central angle for the "Glass" sector?
- R. What is the sum of the percents in any circle graph?

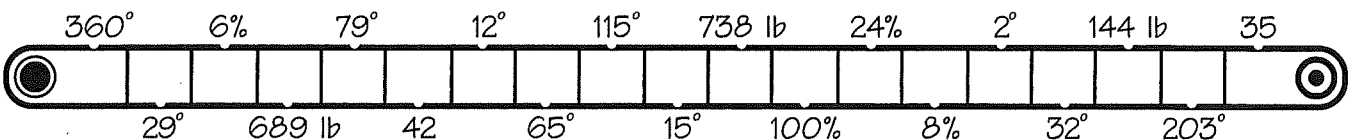
Trash in America



What is the source of our power? The chart shows the sources of U.S. electricity in a recent year. In a circle graph of this data, what is the central angle measure for each of the following:

- S. The "Nuclear power" sector?
- Y. The "Coal" sector?
- L. The "Oil" sector?
- V. The "Other" sector?

Source	Percent
Nuclear power	21.9
Coal	56.3
Oil	3.3
Hydroelectric power	8.5
Natural gas	9.4
Other	0.6

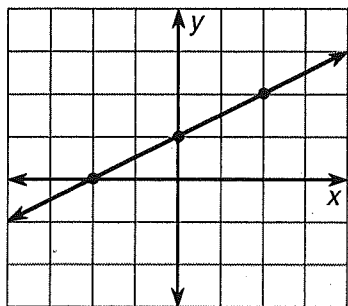


"find rate"

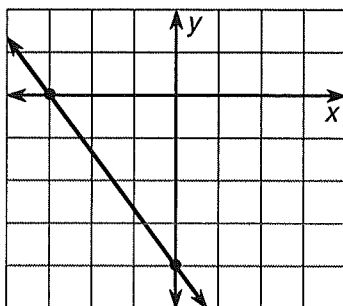
HW 33

means "find slope" Slopes and Intercepts

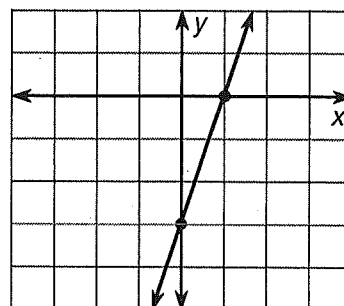
Find the slope and intercepts for each line.



1. slope ____
2. x-intercept ____
3. y-intercept ____

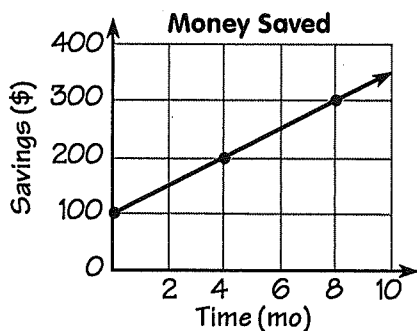


4. slope ____
5. x-intercept ____
6. y-intercept ____

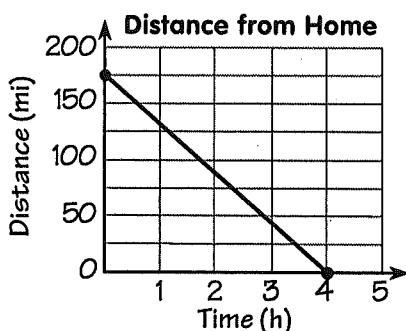


7. slope ____
8. x-intercept ____
9. y-intercept ____

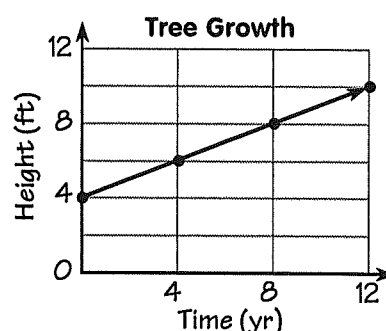
Answer the questions for each graph. Be sure to include a unit of measurement with each answer.



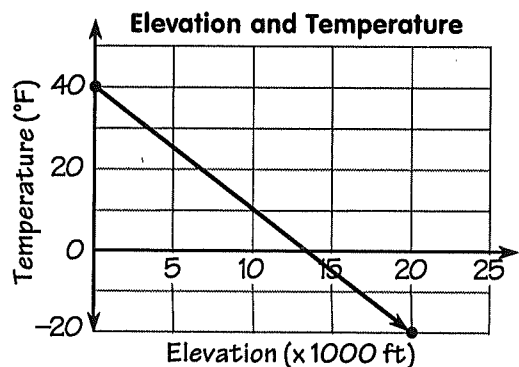
10. How much money had been saved at time 0?
11. What was the rate of saving (\$/mo)?



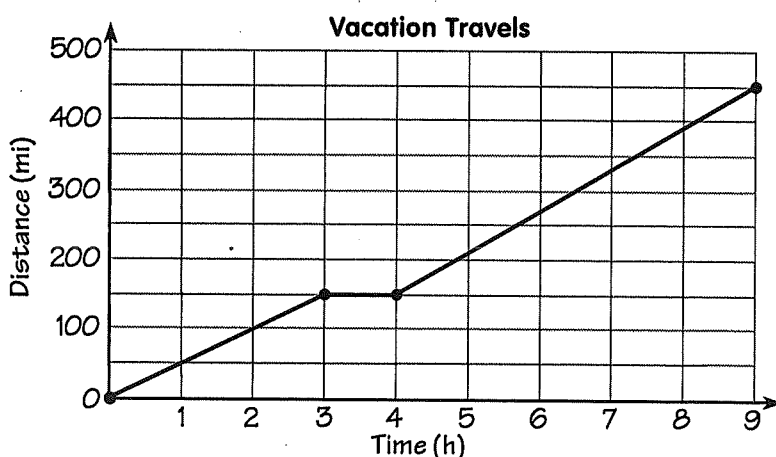
12. What was the distance from home at time 0?
13. What was the rate of speed (mph)?



14. What was the height of the tree at time 0?
15. What was the rate of growth (ft/yr)?



16. What was the temperature at sea level? At 20,000 ft?
17. At what rate did the temperature change (°F/1000 ft)?
18. At about what elevation was the temperature 0°F?
19. What would the temperature be outside a jet flying at 40,000 ft?



20. What was the rate of speed from 0 to 3 h?
21. What was the rate of speed from 3 to 4 h?
22. What was the rate of speed from 4 to 9 h?
23. What was the overall average rate of speed (total distance divided by total time)?