

| Name |  | <br> |  |
|------|--|------|--|
| Date |  | <br> |  |

The table below shows sales information for some fictitious fast food restaurants.

| Name              | Number of Outlets | Approximate Sales |
|-------------------|-------------------|-------------------|
| Golden Burger     | 15,383            | \$15,900,000,000  |
| Royal Burger      | 7,949             | 6,900,000,000     |
| Pizza Shack       | 8,950             | 5,100,000,000     |
| Border Taco       | 4,350             | 4,400,000,000     |
| Breezy's Burgers  | 4,293             | 4,000,000,000     |
| Louisiana Chicken | 10,230            | 3,700,000,000     |
| Charco-Burger     | 3,251             | 3,100,000,000     |
| Super Subs        | 10,093            | 2,600,000,000     |
| Dice Pizza        | 5,600             | 2,200,000,000     |

Based on this information, which of these statements would you say are true? Which are false?

|    |  | TRUE | FALSE |
|----|--|------|-------|
| 1. | Golden Burger is the most popular restaurant because it has the largest number of outlets. |      |       |
| 2. | Pizza Shack pizza is more popular than Dice Pizza.   |      |       |
| 3. | Hamburgers are America's favorite type of fast food.                                       |      |       |
| 4. | Pizza is more popular than chicken.  |      |       |

| 5. | Find the "sales per outlet" for each restaurant. Which restaurant has the |
|----|---|
|    | largest sales per outlet?   |

| Name              | Sales per outlet |
|-------------------|------------------|
| Golden Burger     |                  |
| Royal Burger      |                  |
| Pizza Shack       |                  |
| Border Taco       |                  |
| Breezy's Burgers  |                  |
| Louisiana Chicken |                  |
| Charco-Burger     |                  |
| Super Subs        |                  |
| Dice Pizza        |                  |

6. Make a circle graph of the sales of the fast food restaurants in 1995.

| Name              | Percent | Degrees |
|-------------------|---------|---------|
| Golden Burger     |         |         |
| Royal Burger      |         |         |
| Pizza Shack       |         |         |
| Border Taco       |         |         |
| Breezy's Burgers  |         |         |
| Louisiana Chicken |         |         |
| Charco-Burger     |         |         |
| Super Subs        |         |         |
| Dice Pizza        |         |         |

| 7. | Make a circle graph of the num in 1995.                        | ber of outlet | s of fast food restaurants |
|----|--|---------------|----------------------------|
|    | Name   | Percent       | Degrees                    |
|    | Golden Burger  |               | _                          |
|    | Royal Burger   |               | _                          |
|    | Pizza Shack  |               | _                          |
|    | Border Taco  |               | _                          |
|    | Breezy's Burgers   |               | _                          |
|    | Louisiana Chicken  |               |                            |
|    | Charco-Burger  |               |                            |
|    | Super Subs   |               |                            |
|    | Dice Pizza   |               |                            |
| 8. | Make a circle graph of the sales                               | per outlet.   |                            |
|    | Name   | Percent       | Degrees                    |
|    | Golden Burger  |               |                            |
|    | Royal Burger   |               |                            |
|    | Pizza Shack  |               |                            |
|    | Border Taco  |               |                            |
|    | Breezy's Burgers   |               |                            |
|    | Louisiana Chicken  |               | _                          |
|    | Charco-Burger  |               | _                          |
|    | Super Subs   |               |                            |
|    | Dice Pizza   |               | <u> </u>                   |
| 9. | How are these graphs alike? Ho does Super Subs seem to be a "I |               |                            |
|    |  |               |                            |
|    |  |               |                            |

| 10. What do middle grades students think are the when they choose which fast food restaurant questionnaire on the next page to gather daschools. Organize the data and make at least display the results. What are the most important mates? Write a summary of what you found |         |   | estaurant to pat<br>ather data from<br>e at least two di<br>st important cor | ant to patronize? Use the data from students in your ast two different graphs to ortant concerns of your school |                |  |
|--|---------|---|--|---|----------------|--|
|  |         |   |  |   |                |  |
| 11.  | Make at | Keep a log for a week of every trip you make to a fast food restaurant.  Make at least two graphs to represent some parts of the data. Write a summary of what those graphs show. |  |   |                |  |
|  |         |   | SAMPLE I   | LOG   |                |  |
|  | Day     | Time  | Restaurant   | Amount<br>Spent   | Comments       |  |
| 12.  | What wo | ould it serv  | nate" fast food reserve? What would its                                      | s hours of opera  | ition be? What |  |
|  |         |   |  |   |                |  |

## **FAST FOOD QUESTIONNAIRE**

What is important to you in deciding which fast food restaurant to go to? Rank the items below from 1 to 10, with 10 indicating the **most** important factor and 1 the **least** important factor.

| Menu Options                |
|-----------------------------|
| <br>Advertising             |
| Promotions (like giveaways) |
| Location                    |
| Cleanliness                 |
| Reputation                  |
| Quality of Service          |
| Price                       |
| Quality of Food             |
| Salad/Potato Bar            |