Note. From Basic Math Practice: Tables, Graphs, \& Charts, by K. Lindsay, 2004, Austin, TX: PRO-ED. Copyright 2004 by PRO-ED, Inc. Name: Date:

## Labeling Groups

Directions: Look at the coins in each group. Write the label that best describes how the coins are grouped. Then, answer the question.

|  | Word Box |  |
| :--- | :--- | :--- |
| Pennies <br> Quarters | Heads <br> Nickels | Tails <br> Dimes |



How did you know what to label each group?
$\qquad$

## Reading a Table

Directions: Read the sentences. Look at the table. Then, use the table to answer each question.

The students in Mr. Lee's class took a survey. They wanted to know how many students have freckles and how many do not have freckles. This is the table that Mr. Lee's students made.

|  | Do You Have Freckles? |
| :---: | :---: |
| yes | HN H |
| no | H 111 |

1
How many students have freckles? $\qquad$ students

2
How many students do not have freckles? $\qquad$ students

3
How many students in all answered the survey question? $\qquad$ students


What information can be found in the table?
$\qquad$
$\qquad$

## Completing a Table

Directions: Read the survey. Use the information to find the correct number in each group. Draw the correct number of tally marks in the table for each group. Then, answer each question.

Kylie surveyed students at her school. She asked them to name their favorite subject. Here are the results of her survey:

20 students said math is their favorite subject.
16 students said reading is their favorite subject.
9 students said science is their favorite subject.
5 students said history is their favorite subject.

| Favorite Subject |  |
| :--- | :--- |
| math |  |
| reading |  |
| science |  |
| history |  |

1
Which subject do the most students say is their favorite? $\qquad$
2
Which subject do the least students say is their favorite? $\qquad$
3
How many students in all did Kylie survey? $\qquad$

How did you complete the table?
$\qquad$
$\qquad$

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## Counting Items

Directions: Look at the pictograph. Count each type of reptile, and write the number you counted. Then, answer the question.


$\qquad$

$\qquad$


What does this graph show?
$\qquad$
$\qquad$

## Scale Equals More Than One

Directions: Look at the bar graph. Then, use the bar graph to answer each question.

| Employees in Each Grocery Store Department |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 40 |  |  |  |  |  |  |
| 35 |  |  |  |  |  |  |
| 30 |  |  |  |  |  |  |
| 25 |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |
| 5 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

1
How many employees work in the produce department? $\qquad$

2
How many more employees are cashiers than stockers? $\qquad$

3
How many employees work in the warehouse?

4
How many employees in all work in the deli and bakery? $\qquad$

How did you use the bar graph to answer the questions?

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## Reading a Line Graph

Directions: Look at the line graph. Then, use the line graph to answer each question.

|  | Saturday | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 120 |  |  |  |  |  |  |  |
| 110 |  |  |  |  |  |  |  |
| 100 |  |  |  |  |  |  |  |
| 90 |  |  |  |  |  |  |  |
| 80 |  |  |  |  |  |  |  |
| 70 |  |  |  |  |  |  |  |
| 60 |  |  |  |  | , |  |  |
| 50 |  |  |  |  |  |  |  |
| 40 |  |  |  |  |  |  |  |
| 30 |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

1 On what days were the most tickets sold?
$\qquad$ and $\qquad$
2 How many tickets were sold on Tuesday?

3 How many more tickets were sold on Wednesday than on Thursday?

4 What happened to the number of tickets sold from Saturday to Friday?

5 If the concert was on Friday, why do you think no tickets were sold that day?

What changes does the line graph show?

## Comparing Circle Graphs

Directions: Look at the two circle graphs. Then, use the two circle graphs to answer each question.

Park's Summer Water Use
Park's Winter Water Use

$\|\|\|\|\|\|=$ golf course


1 Where does most of the park's water go in the summer?
$\qquad$
2 Where does most of the park's water go in the winter?

3 Which area gets more water in the summer than in the winter?

4 Why do you think the way the water is used changes from summer to winter?

How did you use the two circle graphs to answer the questions?
$\qquad$
$\qquad$

\section*{| Addition Flow Chart | снаRтs |
| :---: | :---: |}

Directions: Read the flow chart. Then, follow the steps to answer each question and solve each problem.

## Addition Without Regrouping



1 What step comes before writing the sum below the line in the ones place?

2 What step comes after looking at the numbers in the tens place?

3 Use the steps to solve each of the following problems:
43
52
18
$+32$
$+27$
$+80$


What does this flow chart show?

