

BAR GRAPHS

Important Things to Remember

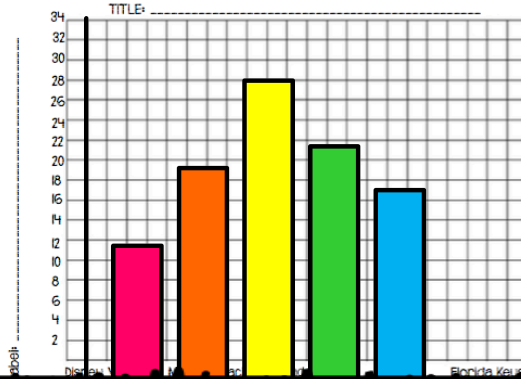
Important things to remember when creating a bar graph:

- ★ You should choose a bar graph when you are _____ data.
- ★ Always include a _____. Your title should explain what your graph represents.
- ★ Label both the _____ and _____ with label names and the specific data titles.
- ★ In most cases, your numbers will go along the _____.
- ★ Use proper _____ and be very _____.
- ★ Use appropriate _____ along the y-axis based on your data. For example:
 - ✦ If your data ranges from 1-12, you will want to use increments of 1.
 - ✦ If your data ranges from 1-36, you will want to use increments of 2.
 - ✦ If your data range is in the thousands, you may want to use increments of 100 or even 500.
- ★ In most cases, you will start your numbers on the y-axis with _____.

BAR GRAPH GUIDED PRACTICE 2

Data Table:
Favorite Vacation Spots

Best Vacation Spot	Number of Votes
Disney World	30
Myrtle Beach	14
Grand Canyon	17
Hawaii	26
Florida Keys	5



BAR GRAPHS

Notes & Practice Pages

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- ★ In most cases, you will start your numbers on the y-axis with _____.

BAR GRAPH GUIDED PRACTICE 1

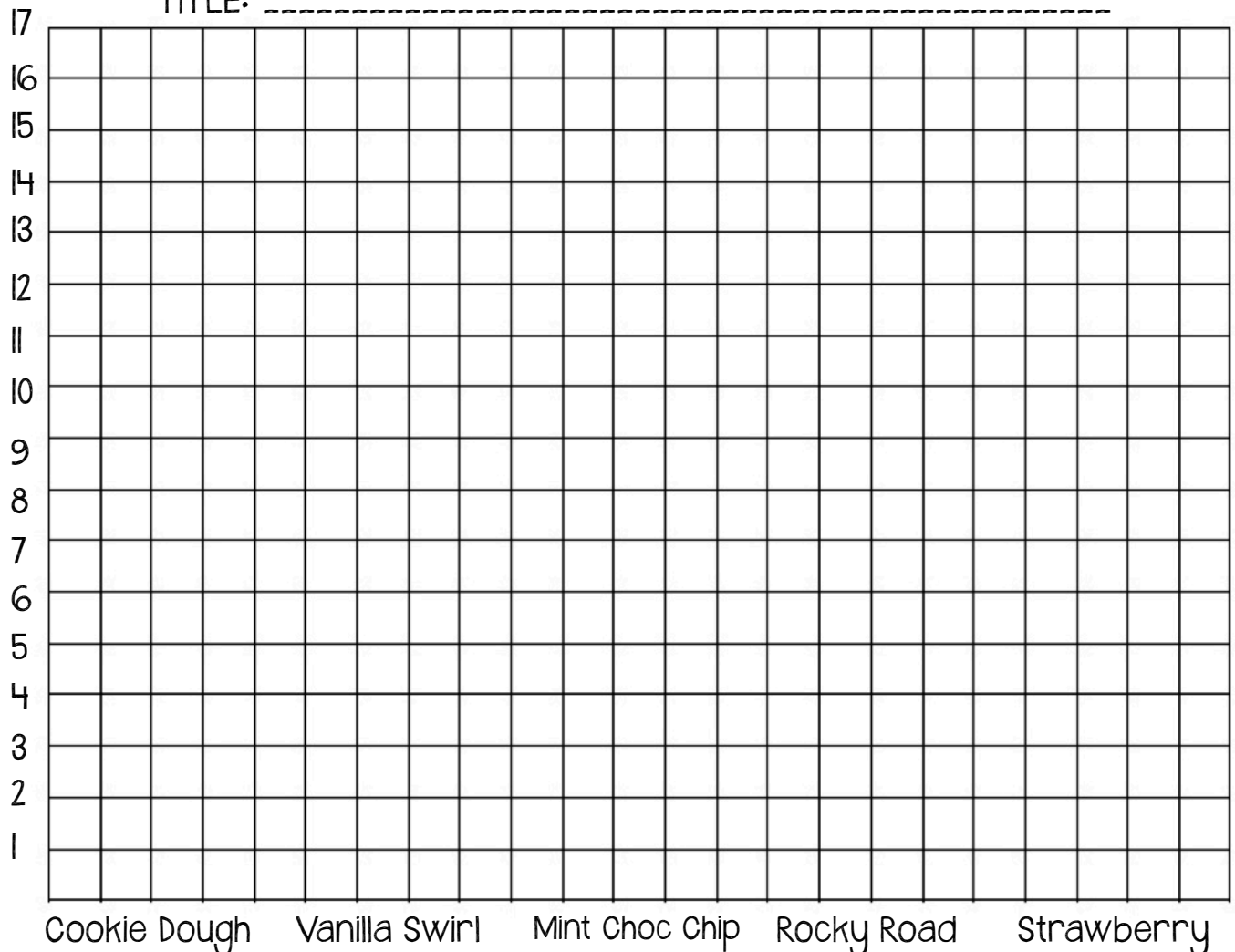
Data Table:

Votes of favorite ice cream in a classroom.

Favorite Ice Cream Flavors	Number of Votes
Cookie Dough	12
Vanilla Swirl	10
Mint Chocolate Chip	14
Rocky Road	8
Strawberry	6

TITLE: _____

Label: _____

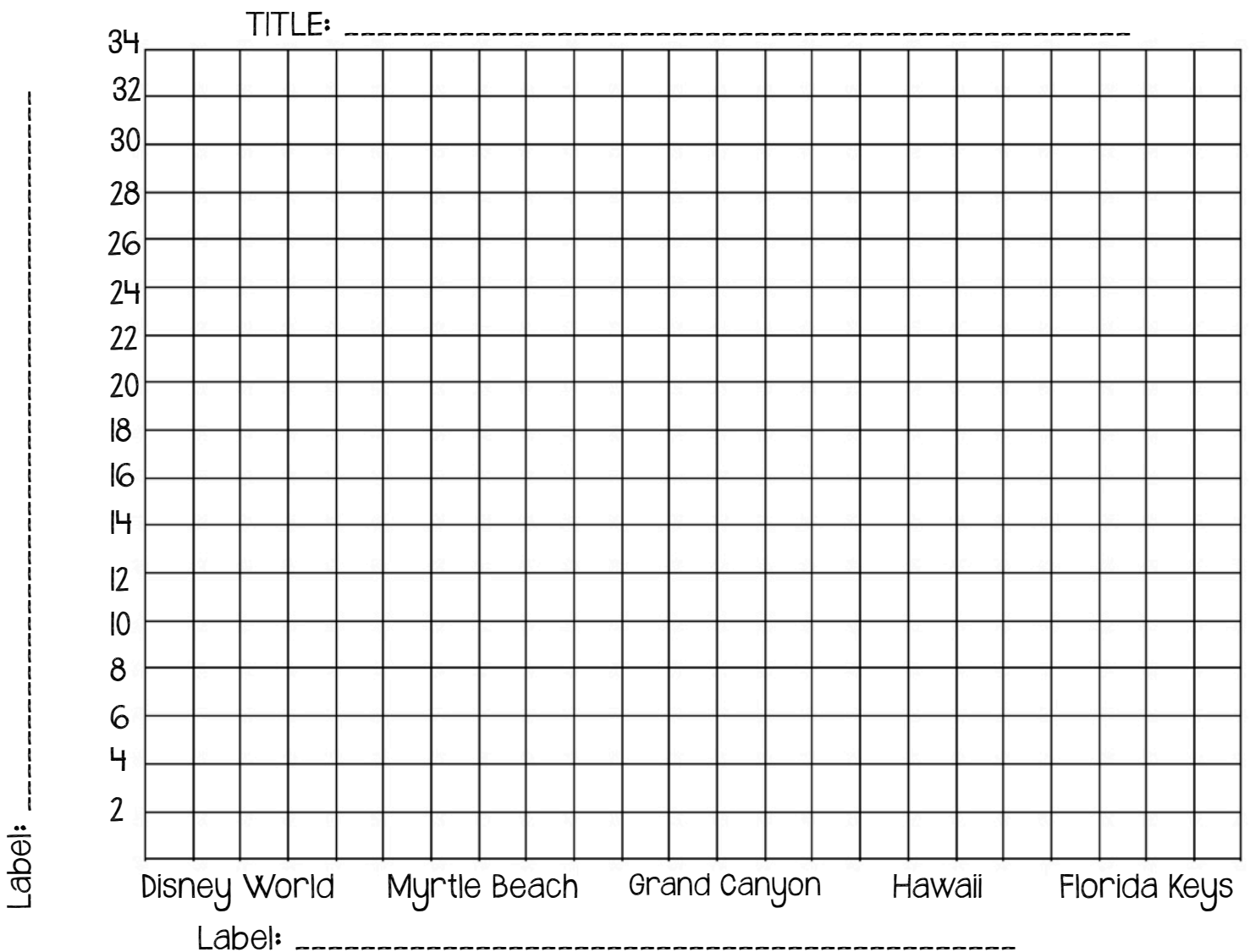


Label: _____

BAR GRAPH GUIDED PRACTICE 2

Data Table:
Favorite Vacation Spots

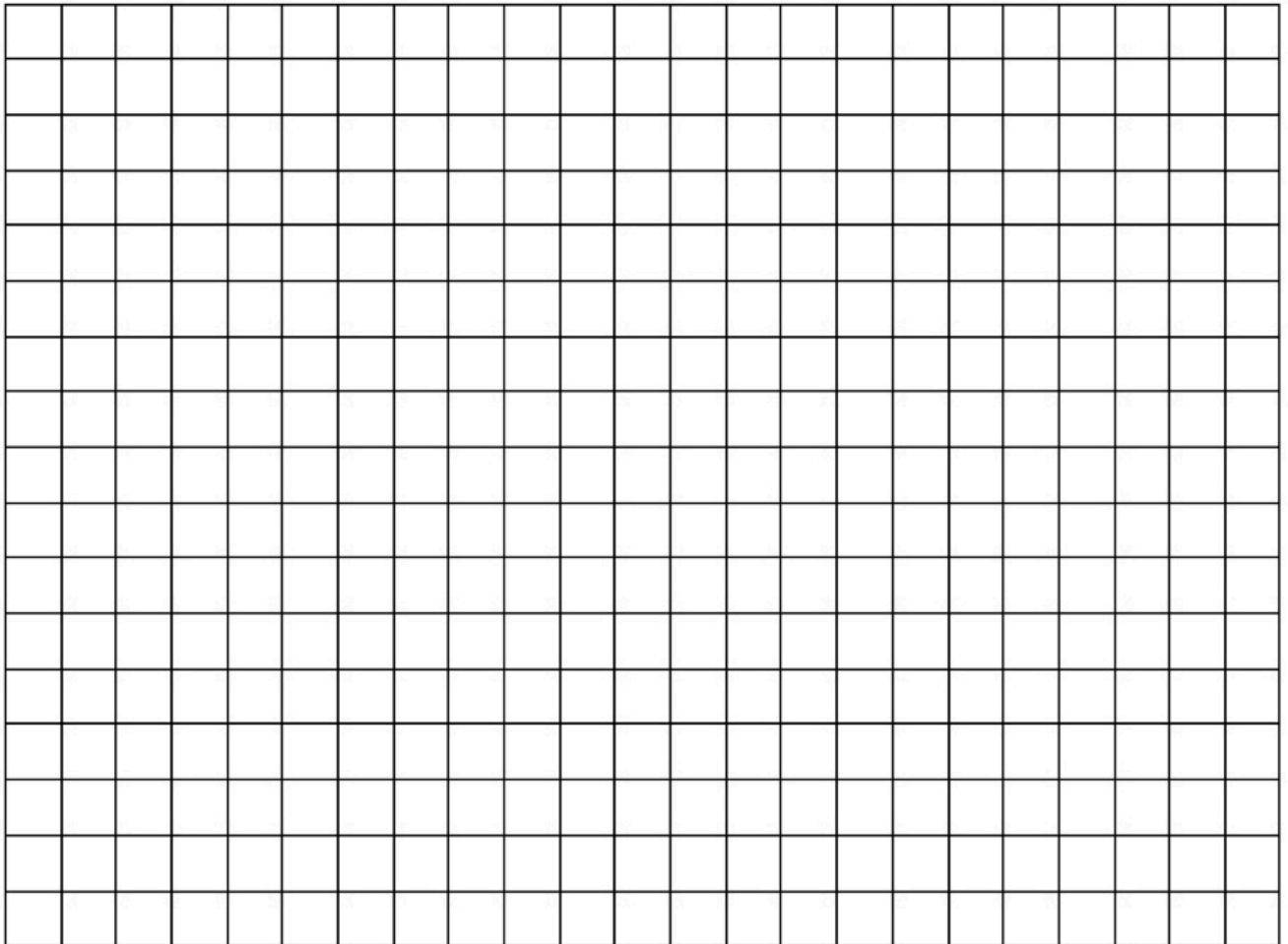
Best Vacation Spot	Number of Votes
Disney World	30
Myrtle Beach	14
Grand Canyon	17
Hawaii	26
Florida Keys	5



BAR GRAPH INDEPENDENT PRACTICE 1

Data Table:

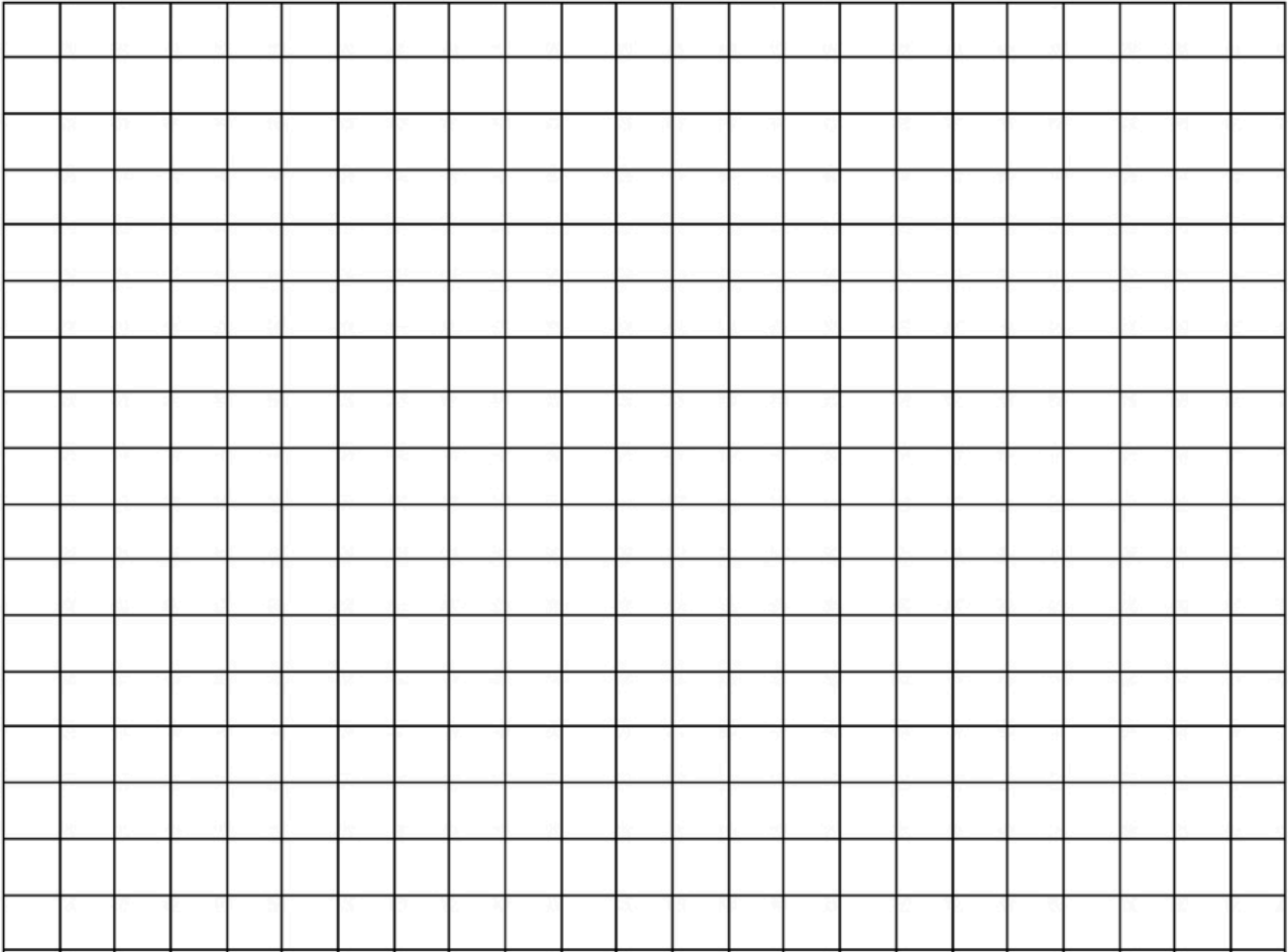
Books	# of Pages
Percy Jackson	384
Harry Potter	607
Hunger Games	458
Diary of a Wimpy Kid	217
Twilight	496



BAR GRAPH INDEPENDENT PRACTICE 2

Data Table

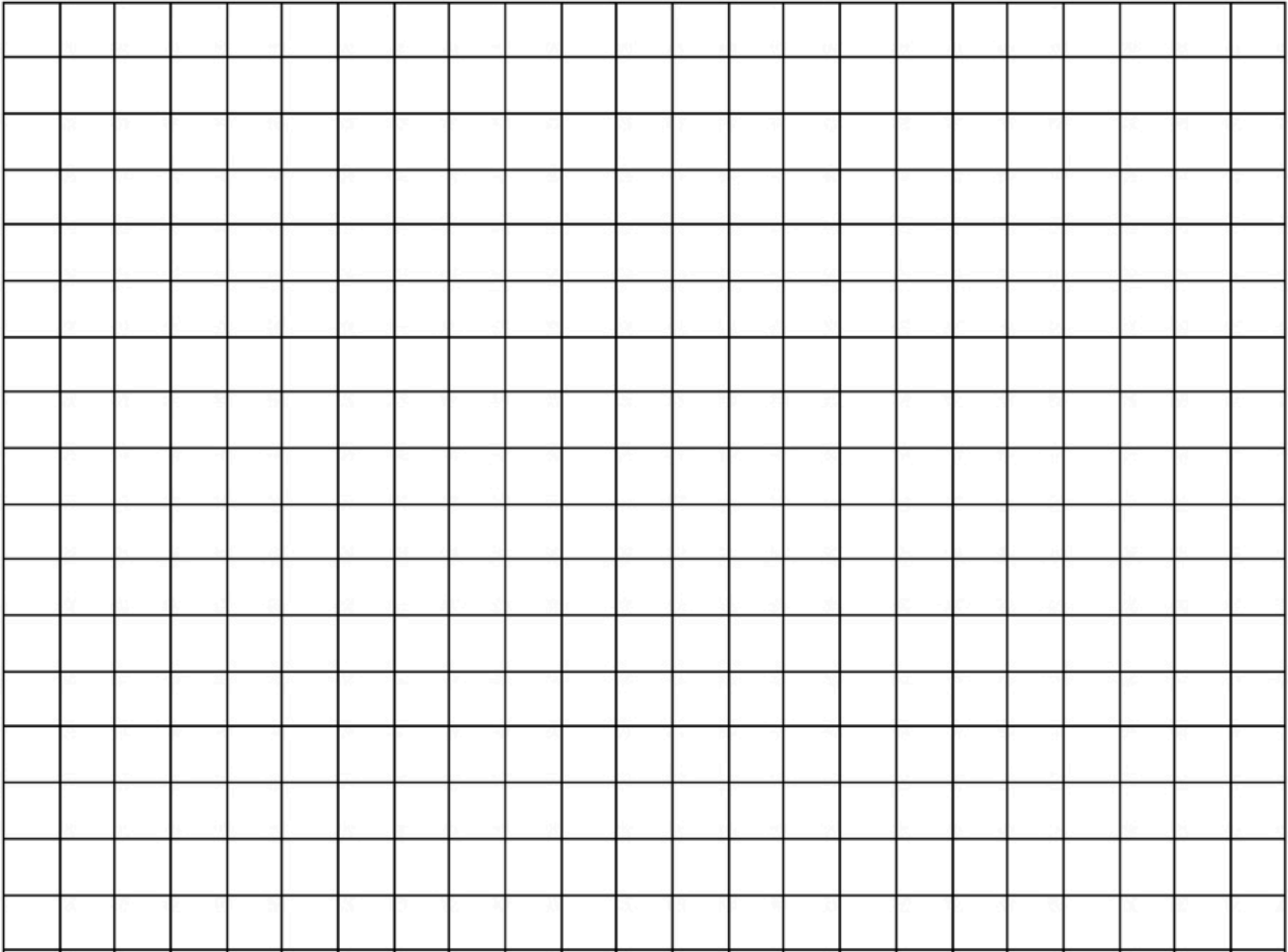
Cities	# of People
Chicago	2,707,120
New York	8,244,910
Indianapolis	827,609
San Francisco	812,826
Houston	2,145,146



BAR GRAPH INDEPENDENT PRACTICE 3

Data Table

Runner	100-Meter Dash Time
Usain Bolt	9.6 seconds
Carl Lewis	10 seconds
Jessie Owens	9.2 seconds
Maurice Greene	10.4 seconds
Justin Gatlin	10.9 seconds



BAR GRAPHS

Teacher Guide

Important things to remember when creating a bar graph:

- ★ You should choose a bar graph when you are comparing data.
- ★ Always include a title. Your title should explain what your graph represents.
- ★ Label both the x-axis and y-axis with label names and the specific data titles.
- ★ In most cases, your numbers will go along the y-axis.
- ★ Use proper spacing and be very neat.
- ★ Use appropriate number increments along the y-axis based on your data. For example:
 - ◆ if your data ranges from 1-12, you will want to use increments of 1.
 - ◆ If your data ranges from 1-36, you will want to use increments of 2.
 - ◆ If your data range is in the thousands, you may want to use increments of 100 or even 500.
- ★ In most cases, you will start your numbers on the y-axis with zero.