

# Bar Graph Worksheets

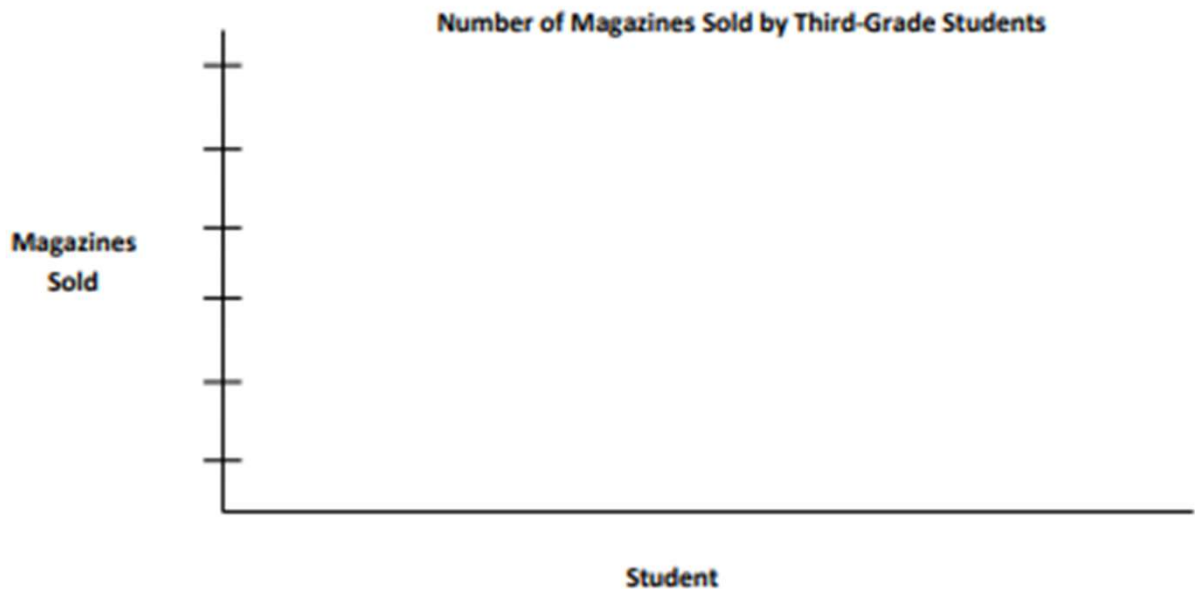
Name \_\_\_\_\_

Date \_\_\_\_\_

1. The chart below shows the number of magazines sold by each student.

| Student        | Ben | Rachel | Jeff | Stanley | Debbie |
|----------------|-----|--------|------|---------|--------|
| Magazines Sold | 300 | 250    | 100  | 450     | 600    |

a. Use the chart to draw a bar graph below. Create an appropriate scale for the graph.



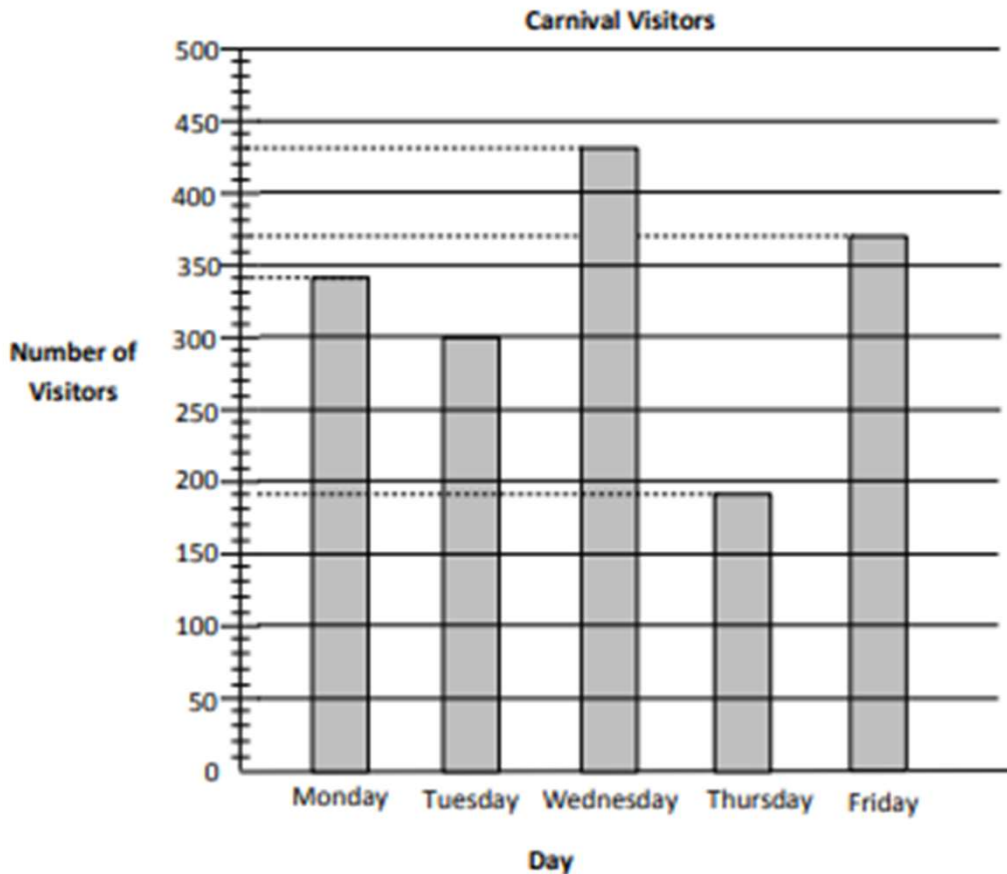
b. Explain why you chose the scale for the graph.

c. How many fewer magazines did Debbie sell than Ben and Stanley combined?

## Bar Graph Worksheets

d. How many more magazines did Debbie and Jeff sell than Ben and Rachel?

2. The bar graph shows the number of visitors to a carnival from Monday through Friday.



a. How many fewer visitors were there on the least busy day than on the busiest day?

b. How many more people attended the fair on Monday and Tuesday combined than on Thursday and Friday combined?

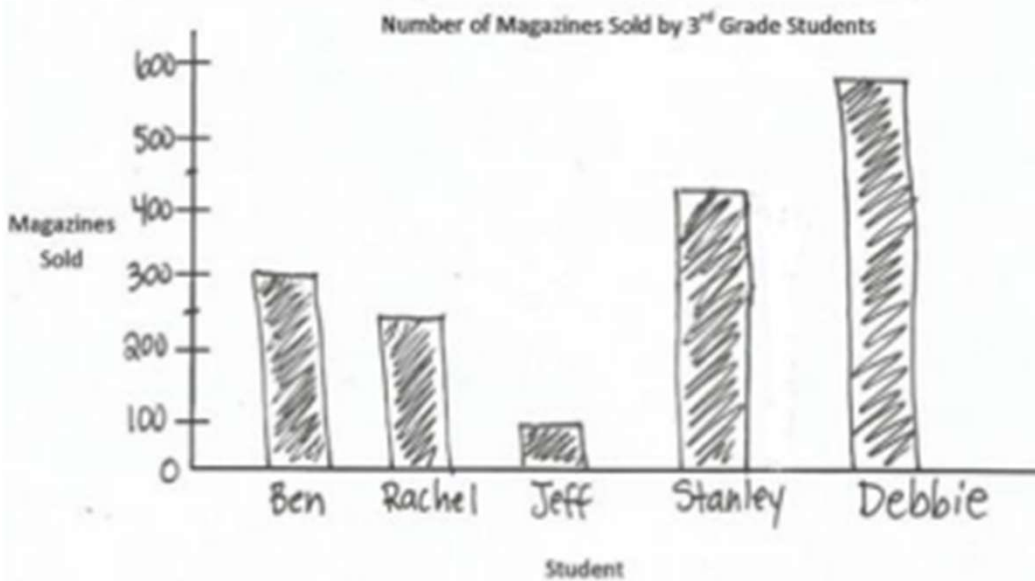
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# Bar Graph Worksheets

1. The chart below shows the number of magazines sold by each student.

| Student        | Ben | Rachel | Jeff | Stanley | Debbie |
|----------------|-----|--------|------|---------|--------|
| Magazines Sold | 300 | 250    | 100  | 450     | 600    |

- a. Use the chart to draw a bar graph below. Create an appropriate scale for the graph.



- b. Explain why you chose the scale for the graph.

I chose to have the scale go by hundreds because all the numbers go by hundreds or halfway between hundreds.

- c. How many fewer magazines did Debbie sell than Ben and Stanley combined?

Ben and Stanley:  $300 + 450 = 750$

$750 - 600 = 150$

Debbie sold 150 fewer magazines than Ben and Stanley combined.

## Bar Graph Worksheets

d. How many more magazines did Debbie and Jeff sell than Ben and Rachel?

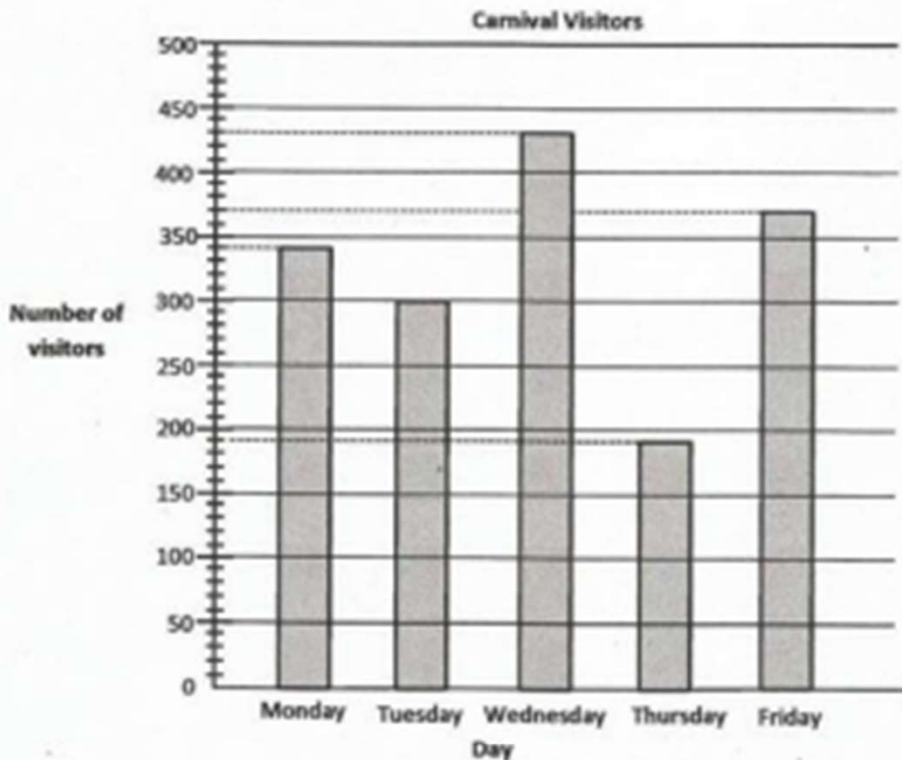
$$D + J : 600 + 100 = 700$$

$$B + R : 300 + 250 = 550$$

$$700 - 550 = 150$$

Debbie and Jeff sold 150 more magazines than Ben and Rachel.

2. The bar graph shows the number of visitors to a carnival from Monday through Friday.



a. How many fewer visitors were there on the least busy day than on the busiest day?

least busy: 190 visitors

busiest: 430 visitors

$$\begin{array}{r} 430 \\ -190 \\ \hline 240 \end{array}$$

There were 240 fewer visitors.

b. How many more people attended the fair on Monday and Tuesday combined than on Thursday and Friday combined?

$$\text{Monday} + \text{Tuesday} : 340 + 300 = 640$$

$$\text{Thursday} + \text{Friday} : 190 + 370 = 560$$

$$640 - 560 = 80$$

The difference is 80 people.