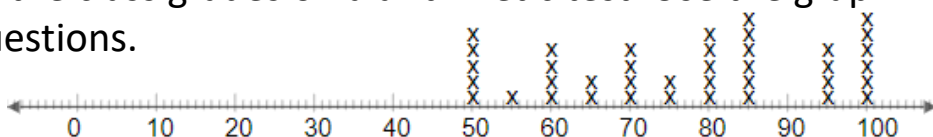


Warmup

1. The line plot represents the class grades on a arithmetic test. Use the graph to answer the following questions.



How many students scored a 100? _____

How many students scored a 75? _____

How many students are in the class (assuming all students took the test)? _____

2. Calculate:

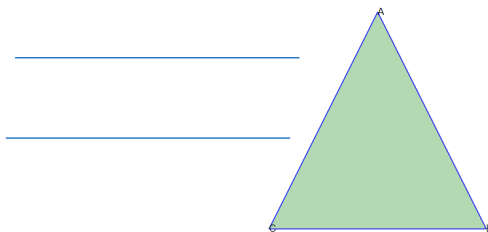
$$-5 \div 1 = \underline{\hspace{2cm}}$$

$$12 \div -3 = \underline{\hspace{2cm}}$$

$$-63 \div -7 = \underline{\hspace{2cm}}$$

$$-35 \div 5 = \underline{\hspace{2cm}}$$

- Given: Triangle ABC
 3. AC=408 cm, BC=1050 cm,
 and AB =408 cm
 Classify the triangle using the lengths of the
 sides.



4. Reduce $\frac{45}{70}$ using the GCF

I. Bar Graphs

Bar Graphs: One method of graphing data to help analyze and summarize the information, characterized by bars or rectangles to represent the data.

The chart represents the final grades for the 18 students in Algebra 1. Use the chart to answer the questions.

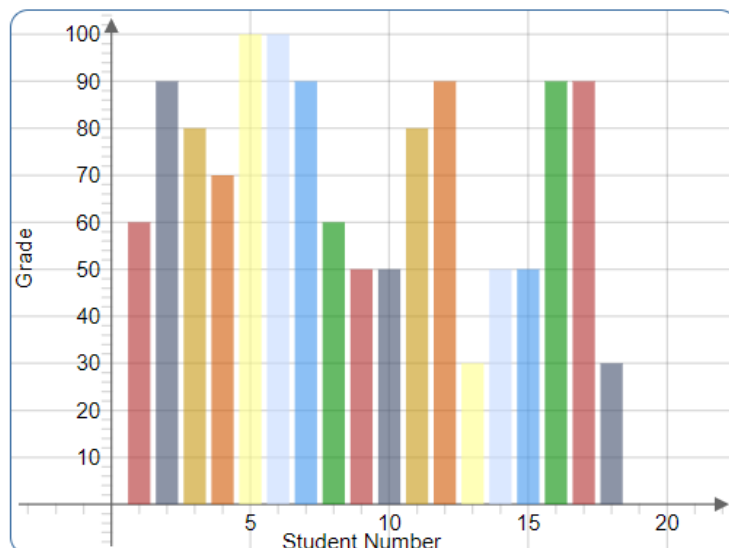
How many students received a 100%? _____

How many students received a 50%? _____

How many students received a 80%? _____

What was Student #15's score? _____

What was Student #8's score? _____



II. Line Graphs

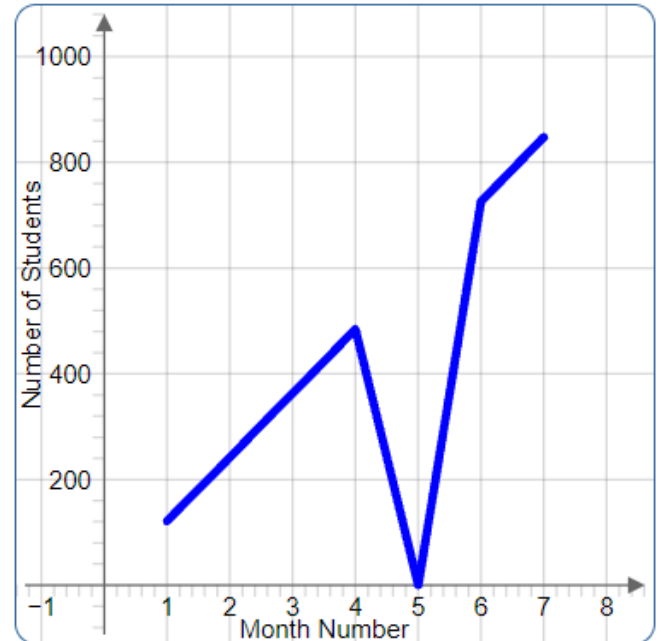
Line Graphs: One method of graphing data to help analyze and summarize the information, characterized by a line connecting the members of the data set.

The chart shows the data for the number of students enrolled for the past 7 months.

The data for month 5 was accidentally recorded as 0. Based on the information for the chart, what is a reasonable guess for number of students in month 5? _____

How many students were enrolled in the first month? _____

How many students are enrolled in month 7? _____



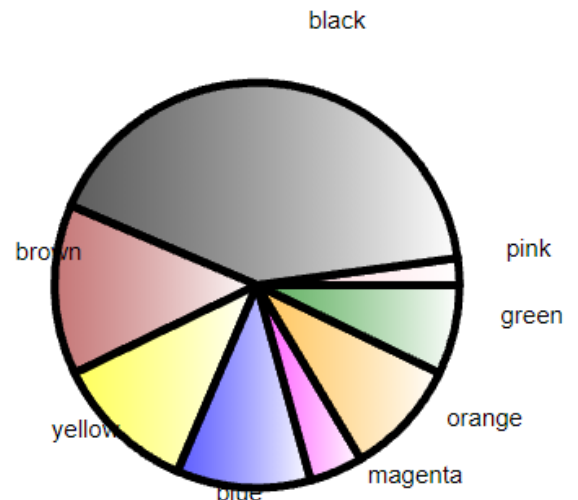
III. Pie Graphs

Pie Graphs: One method of graphing data to help analyze and summarize the information, characterized by a circle divided into sections that represent the data.

The students in art class were asked what their favorite color is. The data was graphed in the following pie chart.

What color did the students like the most? _____

What color did the students like the least? _____



IV. Practice

11

12

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