

## Choosing an Appropriate Graph – I

Give what is asked in each item and write your answers on the space provided.

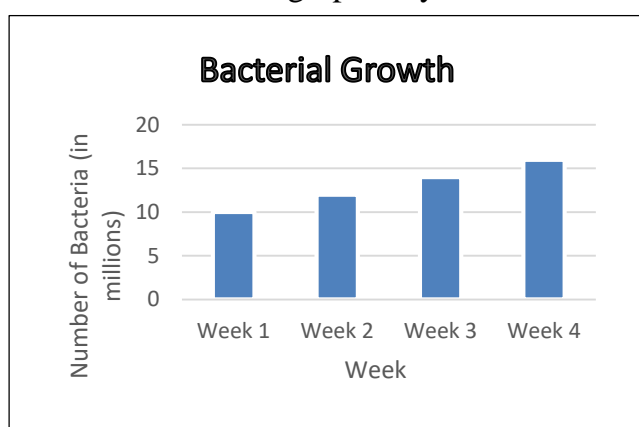
1. Answer the following.

a. What graph is used to show and compare data about different categories or groups?

b. What graph is used to show how data changes over time? \_\_\_\_\_

c. What graph is used to compare parts of a group to a whole group? \_\_\_\_\_

2. Refer to the circle graph on your left and answer the questions.



a. Why is the bar graph not the best graph to show the growth of bacteria?

b. Which type of graph is more appropriate to represent the given data?

Answers:

a.

b.

3. Choose the most appropriate type of graph or plot for the data. Make the graph or plot in the given space.

Medals Collected	
Child	Number of Medals
Rizzy	23
Trisha	22
Maxi	32
Manuel	25
Nicole	27

Answer:

4. Write True if the statement is true and write False if otherwise.

a. A pictograph is used to show and compare data about different categories or groups. \_\_\_\_\_

b. There is no difference between a line plot and a line graph. \_\_\_\_\_

c. A line plot is used to show the frequency of the data along the number line. \_\_\_\_\_

# Choosing an Appropriate Graph – I

## Answer Key

Give what is asked in each item and write your answers on the space provided.

1. Answer the following.

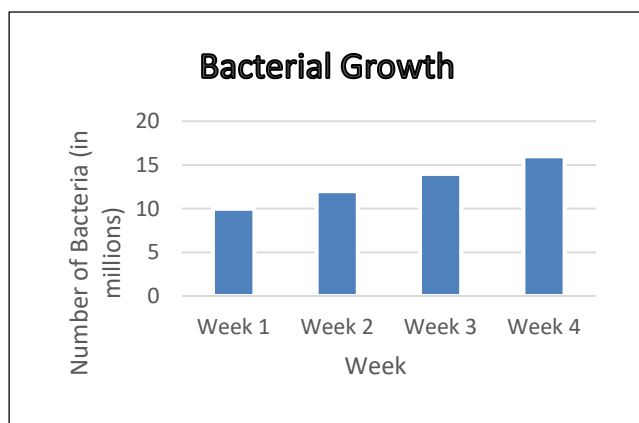
a. What graph is used to show and compare data about different categories or groups?

bar graph

b. What graph is used to show how data changes over time? line graph

c. What graph is used to compare parts of a group to a whole group? circle graph

2. Refer to the circle graph on your left and answer the questions.



a. Why is the bar graph not the best graph to show the growth of bacteria?

b. Which type of graph is more appropriate to represent the given data?

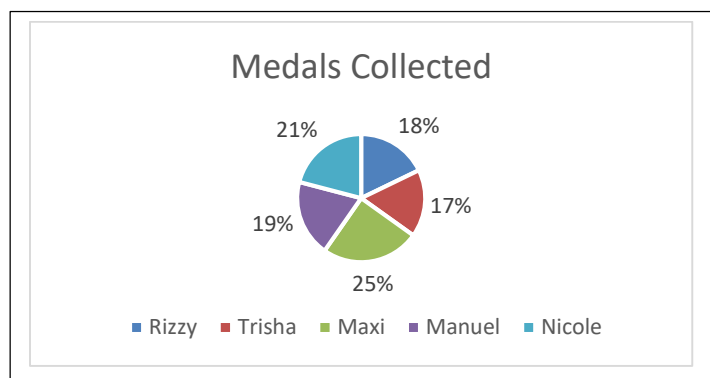
Answers:

a. We cannot display a change in the population over a continuous range of time.

b. line graph

3. Choose the most appropriate type of graph or plot for the data. Make the graph or plot in the given space.

Medals Collected	
Child	Number of Medals
Rizzy	23
Trisha	22
Maxi	32
Manuel	25
Nicole	27



4. Write True if the statement is true and write False if otherwise.

a. A pictograph is used to show and compare data about different categories or groups. False

b. There is no difference between a line plot and a line graph. False

c. A line plot is used to show the frequency of the data along the number line. True