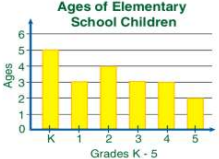




Name _____ Class _____ Date _____

1 The data for the **ages** of 20 elementary school children are:
4, 7, 8, 5, 10, 6, 7, 9, 6, 9, 4, 7, 8, 10, 5, 5, 7, 8, 6, 9.

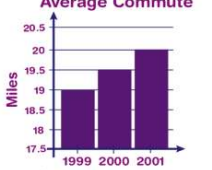


The graph shown represents this data correctly.

True or false?

A true B false

2 Why is the graph shown **not** a correct example of a **bar graph**?




A There is only 3 years shown.
B The bars don't show the correct data.
C The vertical scale is spaced unevenly.
D The vertical scale doesn't start at zero.

3 Based on the **bars** alone, how many **more football** players does there appear to be compared to **soccer** players?



A one and a half times as many
B twice as many
C three times as many
D four times as many

4 Why is the **pictograph** shown **misleading**?



A The smaller cars mean less cost.
B The larger car means more cost.
C The cars are not the same size.
D The cars are not the same color.



PREVIEW

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7

A FDR was elected president.
B Bill Clinton was born.
C Dwight D. Eisenhower died.
D JFK was assassinated.

A 3
B 4
C 5
D 6




9 Which type of graph would best represent the **cost** of a plane ticket **over five years**?



A circle graph
B line graph
C pictograph
D histogram

10 If the percentage of zoo animals at a zoo is to be graphed, which **type of graph** would best be used to represent the data?



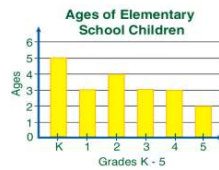
A line graph
B histogram
C bar graph
D circle graph



ANSWER KEY

The data for the **ages** of 20 elementary school children are:

4, 7, 8, 5, 10, 6, 7, 9, 6, 9, 4, 7, 8, 10, 5, 5, 7, 8, 6, 9.



The graph shown represents this data correctly.

True or false?

- A** true
- B** false

(b)

Why is the graph shown **not** a correct example of a **bar graph**?



- A** There is only 3 years shown.
- B** The bars don't show the correct data.
- C** The vertical scale is spaced unevenly.
- D** The vertical scale doesn't start at zero.

(d)

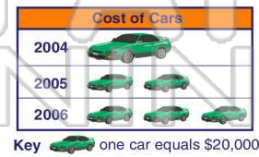
Based on the **bars** alone, how many **more football** players does there appear to be compared to **soccer** players?



- A** one and a half times as many
- B** twice as many
- C** four times as many
- D** eight times as many

(c)

Why is the **pictograph** shown **misleading**?



- A** The smaller cars mean less cost.
- B** The larger car means more cost.
- C** Only three years are shown.
- D** The cars are not the same size.

(d)



PREVIEW

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- A** Dn was elected president.
- B** Bill Clinton was born.
- C** Dwight D. Eisenhower died.
- D** JFK was assassinated.

- B** 4
- C** 5
- D** 6



Which type of graph would best represent the **cost** of a plane ticket **over five years**?



- A** circle graph
- B** line graph
- C** pictograph
- D** histogram

(b)

If the percentage of zoo animals at a zoo is to be graphed, which **type of graph** would best be used to represent the data?



- A** line graph
- B** histogram
- C** bar graph
- D** circle graph

(d)