Name: .... Class: ....
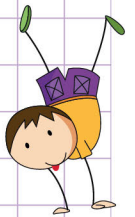
Choose the best type of graph

Tick the best answer and justify the reason for your answer

a. Which type of graph would best show the number of people who went to watch the football game at the stadium and those who did not go to the stadium to watch?

☐ Line graph   ☐ Circle graph   ☐ double bar graph   ☐ Pictograph

b. Which is the best type of graph to show the number of students who own each type of car?
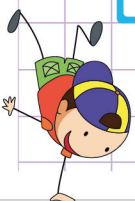
☐ Circle graph   ☐ pictograph   ☐ Stem-and-leaf plot   ☐ Box-and-whisker

c. Which is the best type of graph to show the sales of different types of cupcakes in a bakery?

☐ Circle graph   ☐ pictograph   ☐ Stem-and-leaf plot   ☐ Box-and-whisker

d. Which is the best type of graph to show the number of cans collected by each worker working in a recycling company in the neighborhood?

☐ Circle graph   ☐ pictograph   ☐ Stem-and-leaf plot   ☐ Box-and-whisker

mathskills4kids

Name: .... Class: ....

Choose the best type of graph

Tick the best answer and justify the reason for your answer

a. Which type of graph would best show the number of people who went to watch the football game at the stadium and those who did not go to the stadium to watch?

☐ Line graph ☐ Circle graph ☑ double bar graph ☐ Pictograph

> The best type of graph to show the scenario described above is the double bar graph Because it compares two sets of data.

b. Which is the best type of graph to show the number of students who own each type of car?

☑ Circle graph ☐ pictograph ☐ Stem-and-leaf plot ☐ Box-and-whisker

> The best type of graph to show the scenario described above is the circle graph because a circle graph shows percents, fractions or parts of a whole.

c. Which is the best type of graph to show the sales of different types of cupcakes in a bakery?

☐ Circle graph ☑ pictograph ☐ Stem-and-leaf plot ☐ Box-and-whisker

> The best type of graph to show the scenario described above is the pictograph because it compares two or more values that are multiples of a number.

d. Which is the best type of graph to show the number of cans collected by each worker working in a recycling company in the neighborhood?

☐ Circle graph ☐ pictograph ☑ Stem-and-leaf plot ☐ Box-and-whisker

> The best type of graph to show the scenario described above is the stem-and-leaf plot because it shows the numbers in a larger data set arranged by place value.