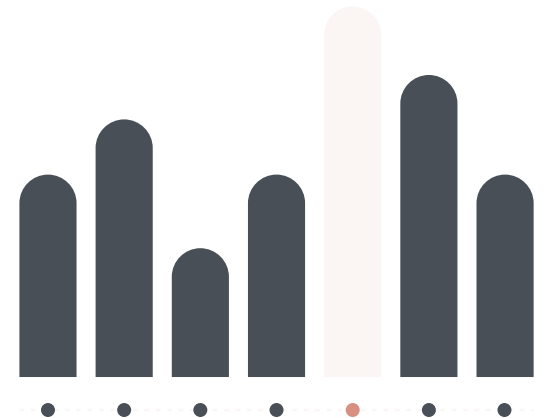
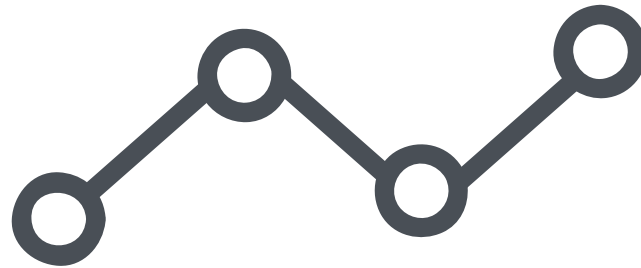
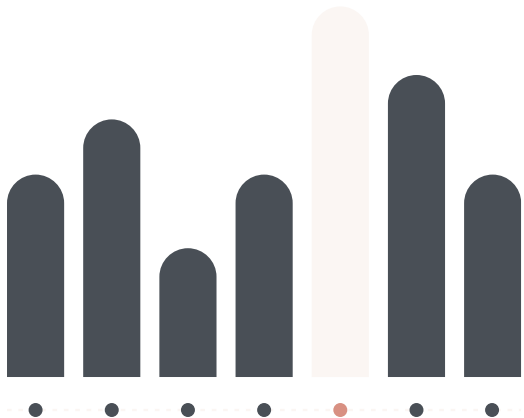
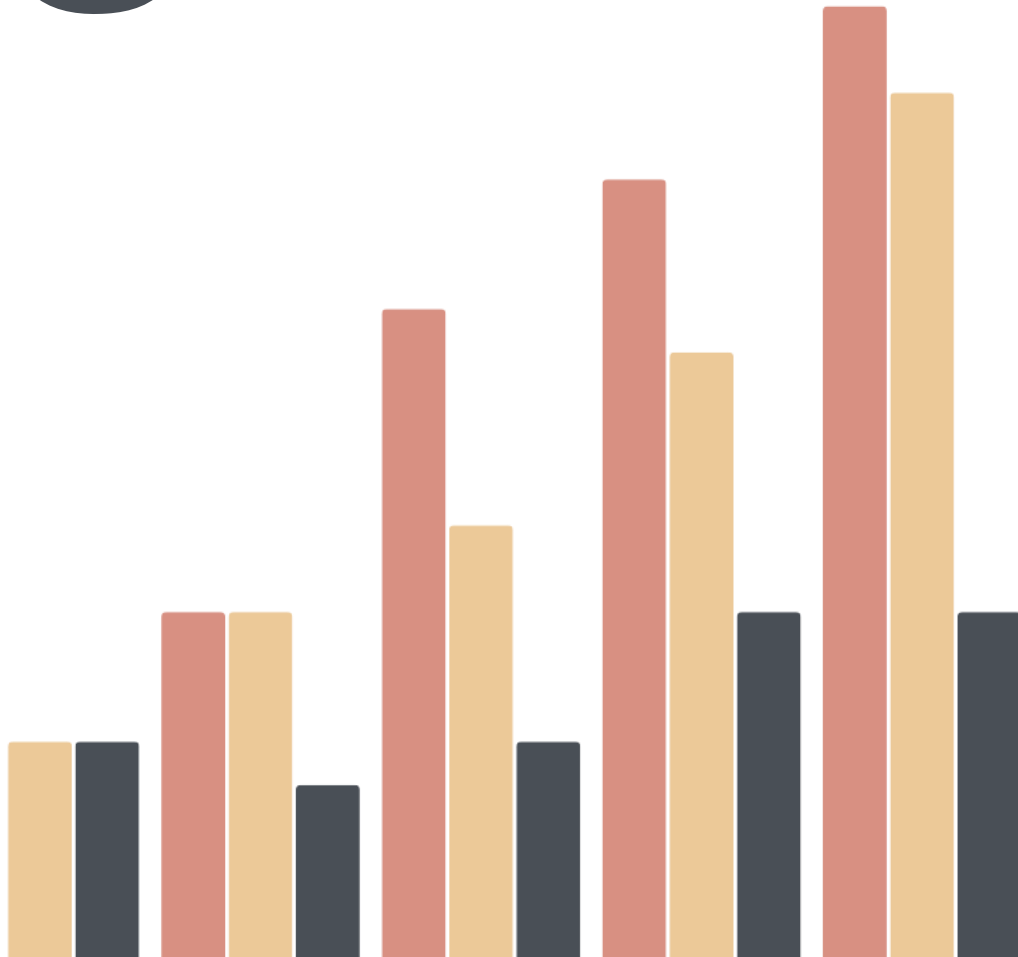


NAME THE GRAPH

Statistics - Data Displays Quiz



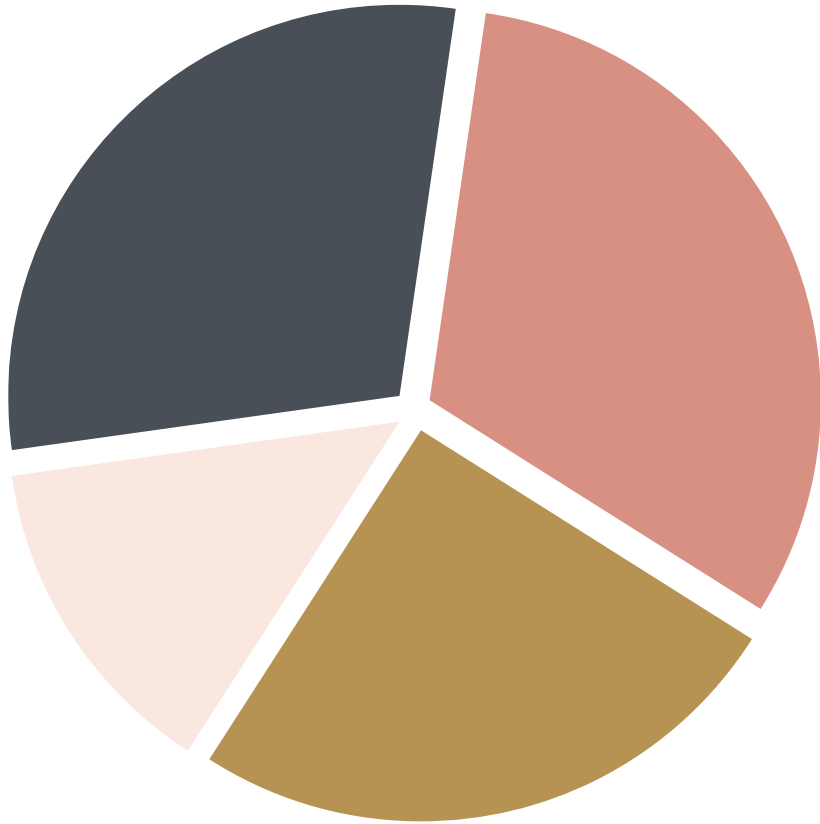
1



What is this graph called?

- a. pie chart
- b. dot plot
- c. histogram
- d. column chart

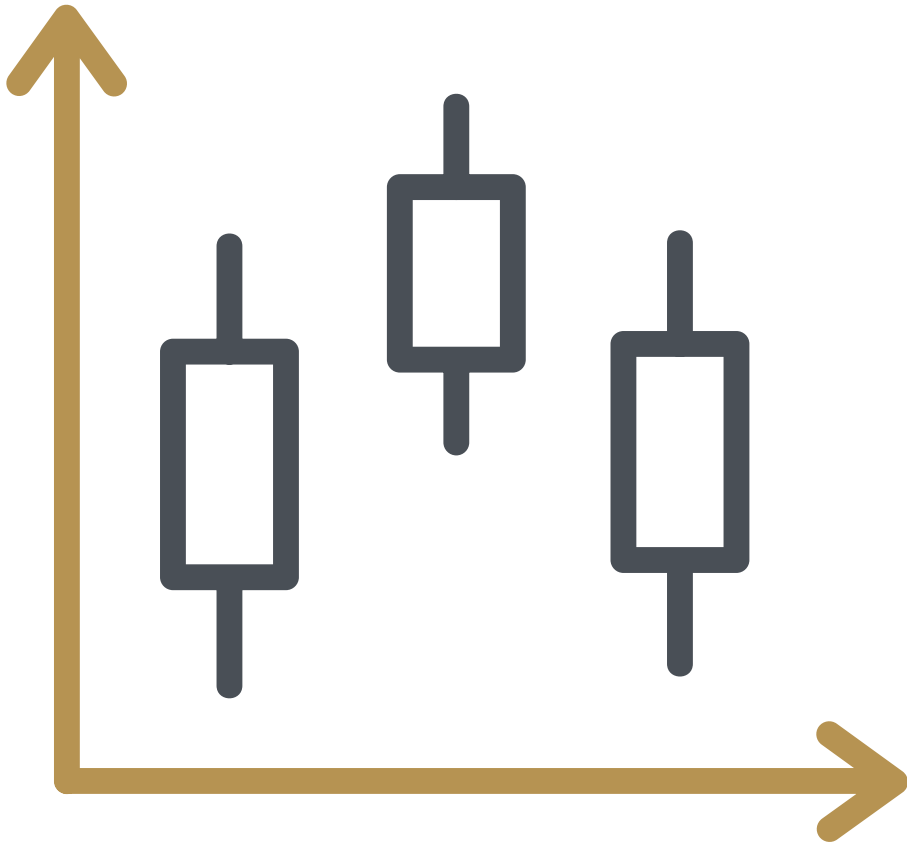
2



What is this graph called?

- a. box & whisker plot
- b. donut graph
- c. pie chart
- d. pictogram

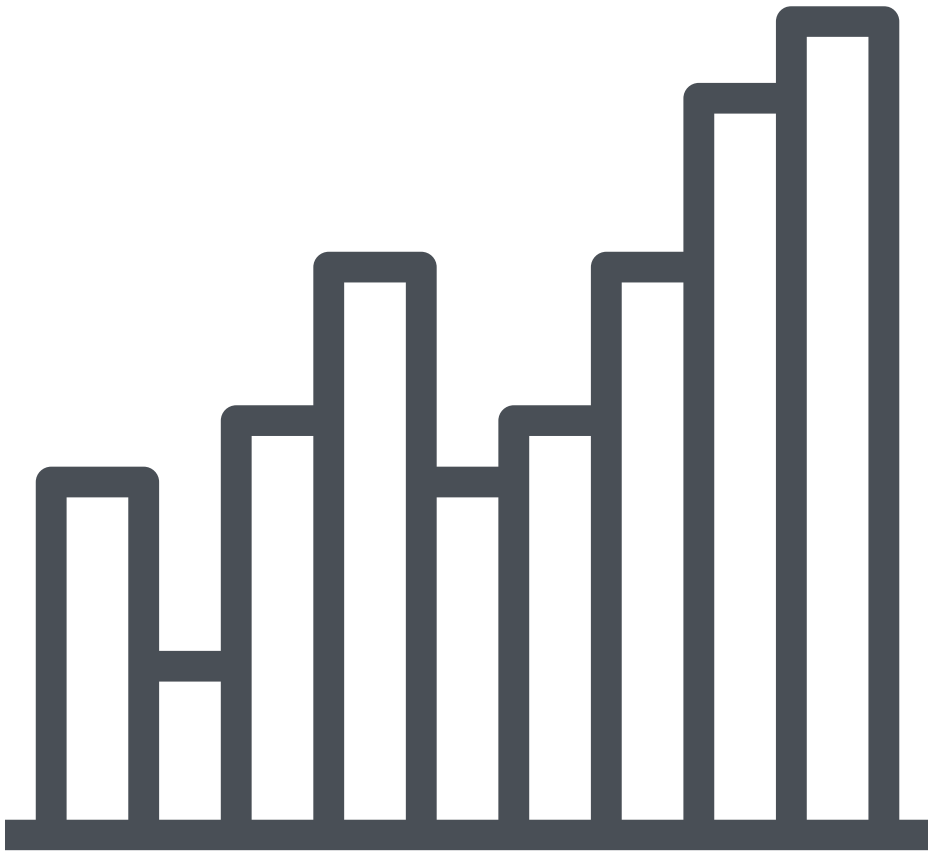
5



What is this graph called?

- a. rectangle graph
- b. bar chart
- c. pie chart
- d. box & whisker plot

6



What is this graph called?

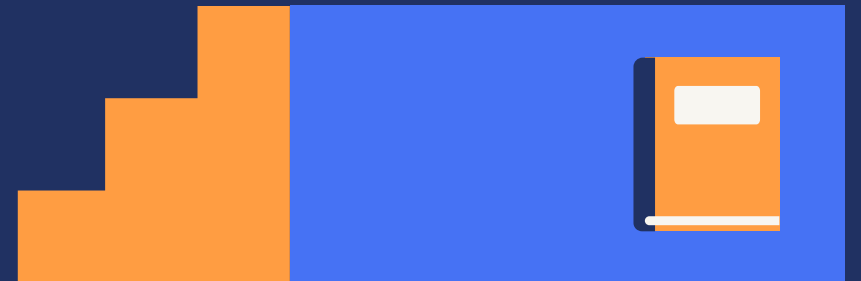
- a. bar chart
- b. histogram**
- c. pie chart
- d. dot plot

Assignment

Design a survey for classmates. Choose one question from the provided options or create your own.

- What are your preferred sports?
- How many pets do you have at home?
- What is your mode of transportation when traveling to school?

Organize, summarize, and present the data you collected in a poster.



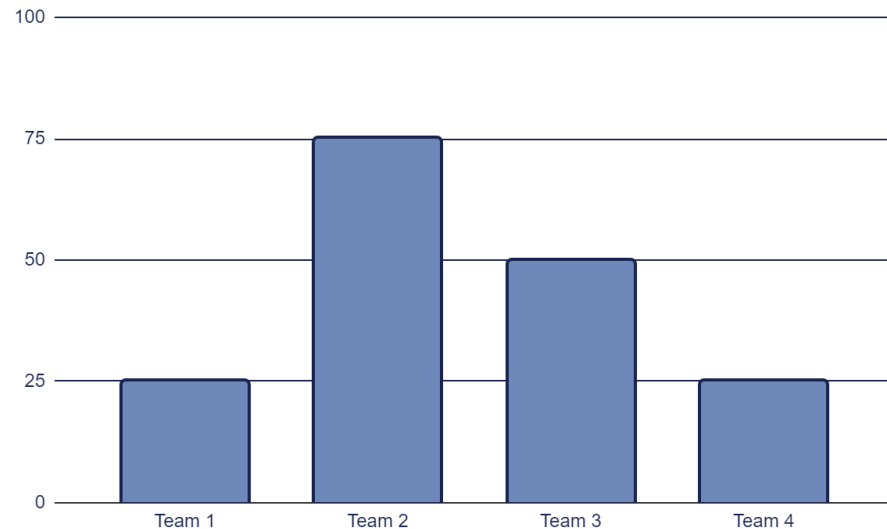
Try This!

Which two data sets have the same mean?

- A 9, 11, 15, 21, 7
- B 12, 11, 14, 15, 9
- C 7, 11, 30, 8, 9
- D 6, 14, 10, 13, 22



Choose your team!



mean = 43.75

range = 50

Look at the graphic and **calculate the arithmetic mean and the distribution range** of the score obtained by the following soccer teams.



Try This!

Use the following frequency distribution for questions 1-3:

The frequency distribution table of the daily wages for a random sample of 20 workers in the drug industry is given as:

Class	15-	25-	35-	45-	55-	65-75	Total
Frequency(f)	6	2	5	3	2	2	20

- 1 The number of workers whose wages ranges from 25 up to 65 equals:
a) 13 **(b) 12** (c) 15 (d) 16
- 2 The percentage of workers whose wages greater than or equal 35 is:
a) 60% (b) 65% (c) 85% (d) 80%
- 3 The mean wage equals:
a) 39.5 (b) 40.5 (c) 44 (d) 45.5
- 4 If the average depth of a lake is 1.5 meters, it means that
a) The deepest point of the lake is 1.5 meters.
b) An adult of average height can walk through the lake.
c) 50% of the lake has depth less than or equal to 1.5 meters.
d) There could be a spot in the lake where it is deeper than 1.5 meters.



Try This!

1

The following data set represents a random sample of the monthly income (in thousands of L.E) (40 , 3 ,3 ,4, 4, 6)

Find: 37

217.2

13.45

1) The range

2) The variance

3) The standard deviation

Choose :

2

If the statistics score of all students in some exam is 90 , this means that

The mode = zero b) The mode = 90

c) The Range= 90

d) The standard deviation = zero

3

In a data set, if all values are negative, then:

a)All measures of central tendency are negative, and all measures of dispersion are negative.

b)All measures of central tendency are positive, and all measures of dispersion are negative.

c)All measures of central tendency are negative, while all measures of dispersion are non-negative.

d)None of the above.

4

If Range(depth of an artificial lake) = 0 and median(depth) = 1 meter, this implies that

a)mean (depth) = 0

b)Standard deviation (depth) = 1

c)The sum of the deviations from 1 equals zero

d)Mode (depth) = 0