

Question #70668, Math / Statistics and Probability

Table 1

Male Female Male Female Male

A A A A E

C E C C A

A A C B E

A C A D D

A A B A A

C D E B B

D A D D A

D A

A survey was administered to a random sample of 37 students and recorded in Table 1:

A – Ironic dance B – Pro dance C – Sway dance

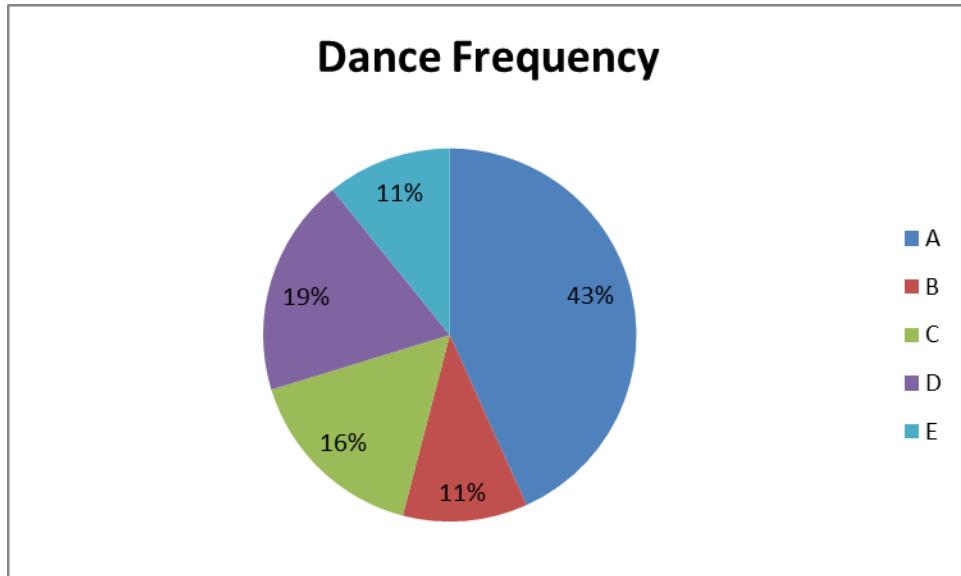
D – Dad-dance E – Twerk dance

Prepare a summary table for dance preferences. Calculate percentage and sectarian angle of each type of dance preferred. Represent these figures on a pie chart. Draw a bar chart to represent the dance preferences.

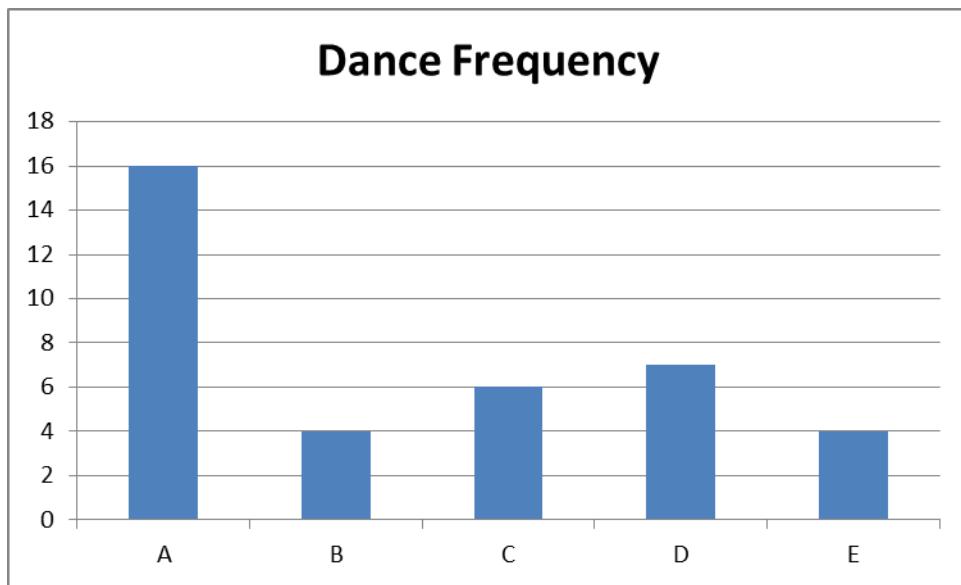
Answer.

Dance	Frequency	Relative Frequency	Angle
A	16	0.43	156
B	4	0.11	39
C	6	0.16	58
D	7	0.19	68
E	4	0.11	39

Pie Chart



Bar Chart



Answer provided by <https://www.AssignmentExpert.com>