Pie Graphs and Angle Measures: What’s the relationship?

Directions: Use the information on the charts to create an accurate and PRECISE pie graph.

**1.** The following table shows the mode of transport used by 400 students of a school. Represent the following information on the pie chart. **(Show the steps of construction of pie graph for the given data along with the calculation)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Mode of Transport** | Bus | Bicycle | On foot | By car |
| **No. of Students** | 200 | 100 | 80 | 20 |

**2.** The percentage of expenditure of a company under different heads is as follows.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Heads of Expenditure** | Salary | Electricity | Conveyance | Machines |
| **Percentage** | 45 % | 20 % | 10 % | 25 % |

Represent this information on a pie graph. **(Show the steps of construction of pie graph for the given data along with the calculation)**

**3.** The percentage of lottery tickets sold by an agent of different states is given below. Draw a pie chart. **(Show the steps of construction of pie chart for the given data along with the calculation)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **States** | Delhi | M.P. | Assam | Rajasthan | Punjab |
| **% of Tickets Sold** | 40 | 20 | 5 | 10 | 25 |