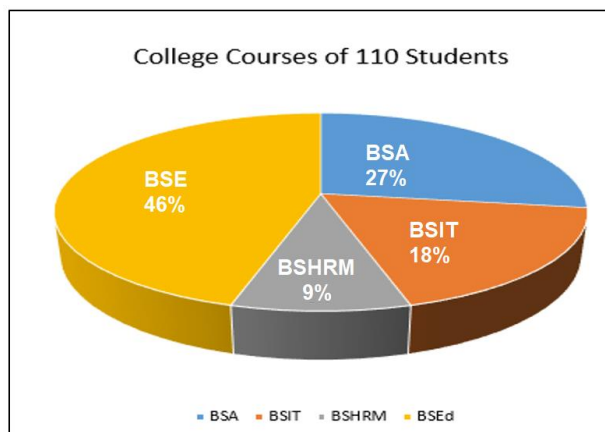## Solve Word Problems Involving Pie Graphs – III

Give what is asked in each item and write your answers on the space provided.

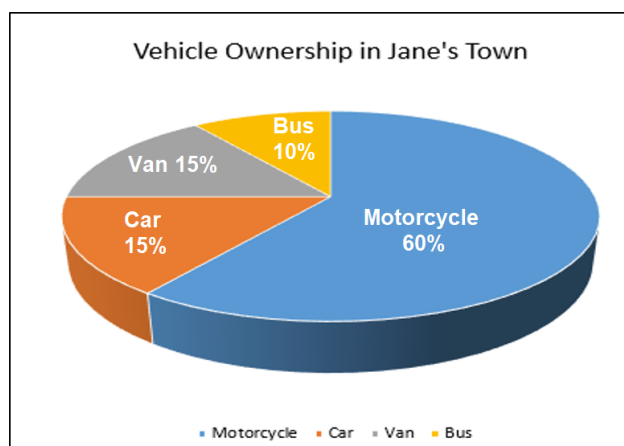1. Refer to the circle graph on your right and answer the questions.

College Courses of 110 Students
BSA 27%
BSE 46%
BSIT 18%
BSHRM 9%
■ BSA ■ BSIT ■ BSHRM ■ BSEd

a. How many students took the BSE course?
b. What course has been taken by most students?
c. How many more students took BSA than BSIT?
d. Arrange the courses in decreasing order in terms of the number of students who took those courses.

Answers:
a.   c.
b.   d.

2. Jane collected the data on vehicle ownership in her town. All her respondents owned only one kind of vehicle. Refer to the graph to answer the questions.
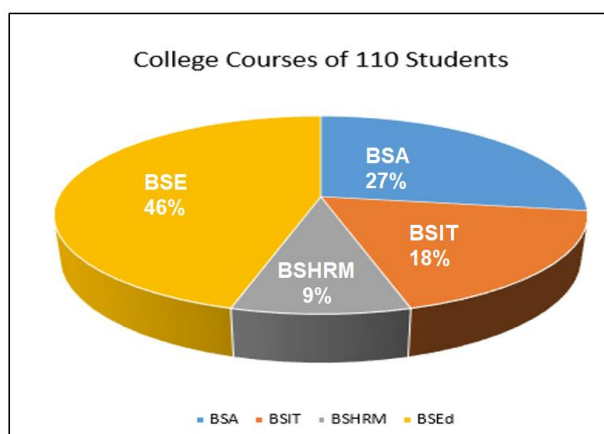

Vehicle Ownership in Jane's Town
Bus 10%
Van 15%
Car 15%
Motorcycle 60%
■ Motorcycle ■ Car ■ Van ■ Bus

a. How many people owned a bus if 500 people were surveyed?
b. How many more people have motorcycles than cars?
c. If 100 people own cars, how many people were surveyed in total?
d. Is it true that more than 30% of the people have either car or van?
e. If 800 people were surveyed, what is the total number of people who have either bus or van?

Answers:
a.   d.
b.   e.
c.

Solve Word Problems Involving Pie Graphs – III

Give what is asked in each item and write your answers on the space provided.

1. Refer to the pie graph on your left and answer the questions.

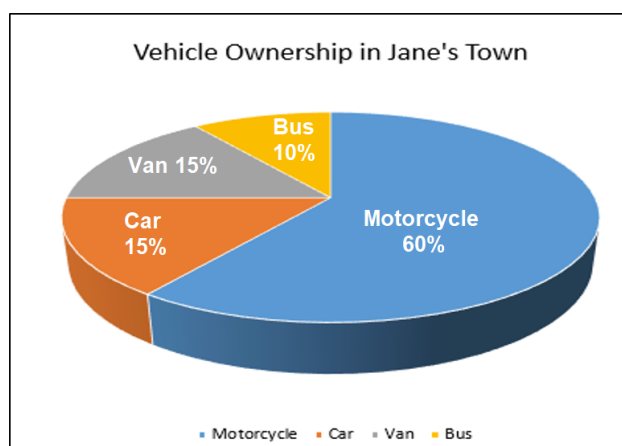College Courses of 110 Students

BSA 27%
BSIT 18%
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a. How many students took the BSE course?
b. What course has been taken by most students?
c. How many more students took BSA than BSIT?
d. Arrange the courses in decreasing order in terms of the number of students who took those courses.

Answers:
a. 51   c. 10 students
b. BSE   d. BSE, BSA, BSIT, BSHRM

2. Jane collected the data on vehicle ownership in her town. All her respondents owned only one kind of vehicle. Refer to the graph to answer the questions.

Vehicle Ownership in Jane's Town

Bus 10%
Van 15%
Car 15%
Motorcycle 60%

■ Motorcycle ■ Car ■ Van ■ Bus

a. How many people owned a bus if 500 people were surveyed?
b. How many more people have motorcycles than cars?
c. If 100 people own cars, how many people were surveyed in total?
d. Is it true that more than 30% of the people have either car or van?
e. If 800 people were surveyed, what is the total number of people who have either bus or van?

Answers:
a. 50   d. No.
b. 45% of the people   e. 200 people
c. 667 people