

Name _____

Date _____

Patterns of Association (Using Data Tables) - Independent Practice Worksheet

1. The table shows the number of students who are interested in being members of the band. Find the percentage of girls who do not want to be members of the band.

No. Of Students	Band	No Band
No. Of Girls	55	10
No. Of Boys	35	45

2. The table below shows results of the survey of people of area X and Y. The survey asked if you smoke. Calculate the percentage of area X that does not smoke.

Area	Smoking	No Smoking
Area X	28	12
Area Y	35	45

3. The table below shows the population of Chicago and Galveston in years 1999 and 2000. Calculate the percentage increase of the population in Chicago between 1999 and 2000.

Population	Chicago	Galveston
Year 1999	5678	7668
Year 2000	8308	9268

4. The table below shows numbers of rich and poor people in Alaska and Arizona. Find the percentage of rich people in Arizona.

State	Rich	Poor
Alaska	405	562
Arizona	326	475



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5. The given table shows the college students that are Science and Math Majors and which type of computer they use primarily. Calculate the percentage of Science students that use laptops.

Students	Laptop	Computer
Student of Science	200	100
Student of Math	400	300

6. A Dentist organization conducted a survey of two cities (A and B) regarding brushing habits. Calculate what percentage of the people from city B brush their teeth twice a day.

People	One time brush	Two time Brush
City A	50	75
City B	85	110

7. 750 people from New York and 1,800 people from Houston were surveyed. People were asked if they preferred Pepsi or Coca Cola. Calculate the percentage of New Yorkers who prefer Coca Cola.

City	Coca Cola	Pepsi
New York	500	250
Houston	800	1000

8. The table shows the number of women who are CPR certified. Calculate the total percentage of women who are not certified in CPR.

Areas	CPR Certified	Not Certified
Area P	300	200
Area Q	400	250



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9. The table below shows the number of people from areas a and b that drive two and four wheeled vehicles. Calculate the percentage of people that own two wheel vehicles in Area a.

Area	Two wheeler	Four wheeler
Area a	750	450
Area b	1150	900

10. The table below shows the number of people that wear Reebok and Nike brand shoes in Alabama and Alaska. What is the percentage of people from Alabama that wear Reebok shoes?

State	Reebok	Nike
Alabama	950	600
Alaska	1050	825

