



Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

1 The table shows the results of a survey to find the car type owned by **120** people. From these results, what is the **probability** that a person owns a van?

- A 19%
- B 24%
- C 28%
- D 29%

Car Type	2-door	4-door	Truck	Van
# of People	23	35	29	33

2 A survey of **50** people is taken that records how people feel about raising the cost of college. What is the **probability** that the next person asked would answer that they disagree?

- A .08
- B .12
- C .36
- D .38

Thoughts on Increasing College Costs	# of People
Strongly agree	3
Agree	18
Don't care	4
Disagree	19
Strongly disagree	6

3 Christine is conducting a survey about pet ownership. She asks **75** people what type of pet they own. The results are shown in the table below. If she asks one more person, what is the **probability** that they will own a cat?

4 A survey of **300** thirty-year-olds is taken about home ownership. The table shows the results. Based on the survey, what is the **probability** of a person renting an apartment?

Home Ownership	# of People
Rent	100
Own	200



## PREVIEW

Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet

- A football
- B soccer
- C hockey
- D lacrosse

Sport	# of Boys
Football	21
Soccer	32
Lacrosse	29
Hockey	25
Basketball	18

- A knitting
- B bowling
- C bocce
- D bingo

Hobby	# of Seniors
Knitting	17
Golfing	6
Bowling	12
Bocce	22
Bingo	18

9 A survey is conducted by asking **325** adults their favorite food. The results are shown in the table below. Based on the survey, the probability of **seafood** is \_\_\_\_\_ the probability of **chicken** as an adult's favorite food.

- A equal to
- B double
- C half of
- D 49% less than

Favorite food	# of Adults
Pizza	43
Pasta	77
Chicken	98
Steak	58
Seafood	49

10 The electric company takes a survey of **450** households to see how they conserve electricity. Based on the results in the table, what can be concluded?

- A 88% turn down the AC.
- B 8% buy efficient appliances.
- C 28% turn off the lights.
- D 28% turn off the TV at night.

Ways to Conserve Electricity	# of Adults
Turn off lights	165
Unplug appliances	96
Turn off TV at night	127
Buy efficient appliances	68
Turn down air conditioner	54



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B

5



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C

7

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- B soccer
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