



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?

- A 15%
- B 20%
- C 24%
- D 28%

Pet Ownership	# of People
None	11
Cat	14

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?

- A .05
- B .28
- C .45

Home Ownership	# of People
Lives with parents	15
Rents apartment	84

5  
P  
a  
g  
e  
S  
W  
A  
E



## PREVIEW

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

7  
A  
S  
t  
a  
P

- 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	86
Turn off TV at night	127
Buy efficient appliances	68
Turn down air conditioner	54



## ANSWER KEY

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

(c)

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

(d)

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?

- A 15%
- B 19%
- C 21%
- D 23%

Pet Ownership	# of People
None	11
Cat	14
Dog	22
Fish	16

(b)

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?

- A .05
- B .28
- C .45
- D .84

Home Ownership	# of People
Lives with parents	15
Rents apartment	84
Rents house	66

(b)



## PREVIEW

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

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

Football	21
Soccer	32
Lacrosse	29
Hockey	25
Basketball	18

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

Knitting	17
Golfing	6
Bowling	12
Bocce	22
Bingo	18

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

(c)

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	36
Turn off TV at night	127
Buy efficient appliances	68
Turn down air conditioner	54

(d)