

## TWO-WAY TABLES

A survey was conducted in which participants were asked their preferred time of day between AM or PM and their choice of fast food restaurant between McDonald's (M), Taco Bell (T) and Wendy's (W).

<b>TIME OF DAY</b>	AM	AM	PM	AM	PM	PM	AM	AM	PM	PM	AM	PM	PM	AM
<b>RESTAURANT</b>	M	W	T	M	T	W	T	M	T	M	M	M	T	T

<b>TIME OF DAY</b>	PM	AM	AM	PM	PM	AM	AM	PM	PM	PM	AM	AM	AM	PM
<b>RESTAURANT</b>	W	W	W	W	T	M	M	T	T	T	T	T	M	W

1. Use the results from the survey to complete the two-way table.



	<b>MCDONALD'S</b>	<b>TACO BELL</b>	<b>WENDY'S</b>	<b>TOTAL</b>
<b>AM</b>				
<b>PM</b>				
<b>TOTAL</b>				

2. What was the most popular restaurant choice among participants who prefer the morning?

\_\_\_\_\_

3. What was the most popular restaurant choice among participants who prefer the evening?

\_\_\_\_\_

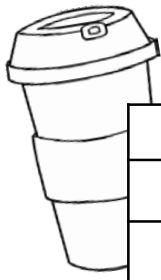
4. How many more participants answered that they prefer McDonald's than Wendy's?

\_\_\_\_\_

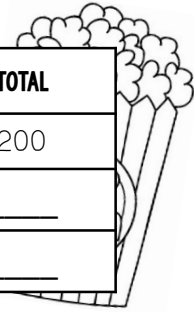
5. What was the least popular restaurant choice among participants who prefer the morning?

\_\_\_\_\_

6. A group of people were asked if they drink coffee and if they prefer salty or sweet foods. The two-way table shows the results of the survey. Fill in each blank space of the table.



	DRINKS COFFEE	DOES NOT DRINK COFFEE	TOTAL
SALTY	_____	_____	200
SWEET	178	72	_____
TOTAL	_____	140	_____



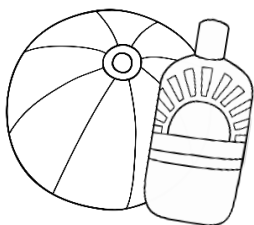
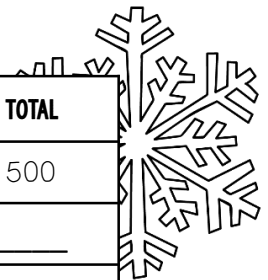
7. The two-way table below shows the results of a survey where high school students were asked if they have a curfew. Complete the blank spaces of the two-way table.

	FRESHMAN	SOPHOMORE	JUNIOR	SENIOR	TOTAL
CURFEW	104	98	84	_____	337
NO CURFEW	47	_____	_____	83	_____
TOTAL	_____	130	_____	_____	581

- How many more freshman students have a curfew than senior students? \_\_\_\_\_
- How many more junior students were surveyed than sophomore students? \_\_\_\_\_

8. The two-way table below shows the results of a survey where participants were asked about their gender and what their favorite season is. Fill in the blank spaces of the table, and use the results of the survey to mark each statement as true or false.

	SUMMER	FALL	WINTER	SPRING	TOTAL
MALE	104	_____	_____	118	500
FEMALE	_____	_____	45	163	_____
TOTAL	301	298	_____	_____	1,000



- A total of 301 people were surveyed. \_\_\_\_\_
- Both male and female participants preferred winter the least. \_\_\_\_\_
- 20 more participants preferred spring over summer. \_\_\_\_\_
- There were an equal number of males and females surveyed. \_\_\_\_\_
- The most popular season among the males surveyed was summer. \_\_\_\_\_