

Name \_\_\_\_\_ Period \_\_\_\_\_ Date \_\_\_\_\_

# Statistics & Probability:

## Bivariate Data B

1

767

Kayla asked 10 students in her class whether they owned a dog or a cat or both.

Drag one number into each box to complete the table, given this information:

- 40% of the students own a dog.
- 30% of the students own a cat.
- 10% of the students own both a dog and a cat.

0  
1  
2  
3  
4  
5  
6  
7  
8  
9

Delete

	Dog	No Dog	Total
Cat	<input type="text"/>	<input type="text"/>	<input type="text"/>
No Cat	<input type="text"/>	<input type="text"/>	<input type="text"/>
Total	<input type="text"/>	<input type="text"/>	10

# SBAC Math 8 Practice B

Name \_\_\_\_\_ Period \_\_\_\_\_ Date \_\_\_\_\_

2

760

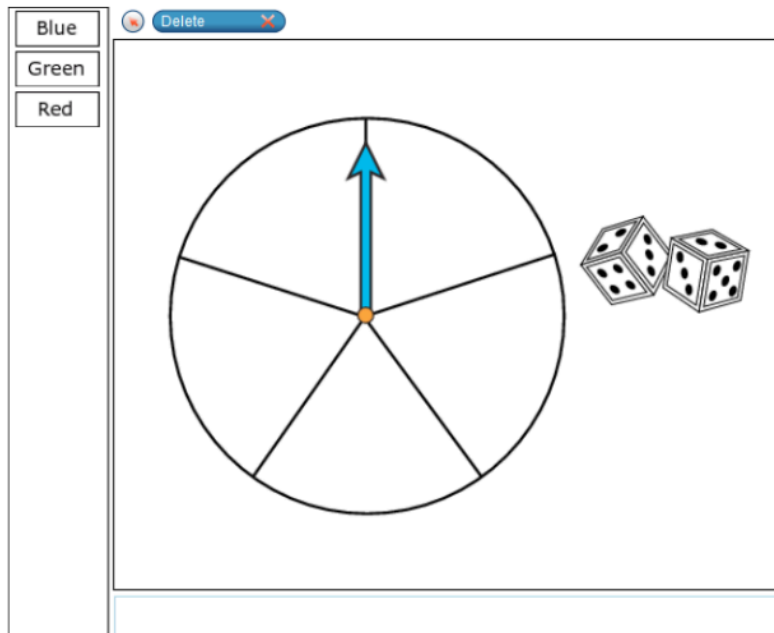


A game that uses a spinner and two number cubes is played at a game night. To win the game, a player must have two results:

- The spinner's arrow stops in a red section.
- The number cubes both land with an even number facing up.

The person in charge of game night wants 10% of the players to win.

Drag one color into each section of the spinner to design a spinner that reaches the goal.



# SBAC Math 8 Practice B

Name \_\_\_\_\_ Period \_\_\_\_\_ Date \_\_\_\_\_

3

1822



All 8th-grade students at a school answered Yes or No to the two survey questions shown.

- Do you have a cell phone?  
Yes No
- Do you have an MP3 player?  
Yes No

The same students responded to both questions. Complete the two-way frequency table to show the correct totals for the given data. You must complete **all** five cells of the table for a full credit response.

	MP3 Player	No MP3 Player	Total
Cell Phone	57	122	<input type="text"/>
No Cell Phone	30	65	<input type="text"/>
Total	<input type="text"/>	<input type="text"/>	<input type="text"/>