

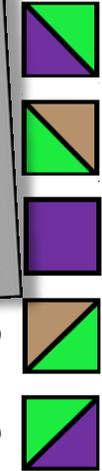
A survey asked 93 kids, "What is your favorite sport?". The data from the survey is given in the table. Complete the two-way table then answer the following questions. You will use your answers to drag boxes on the next page. After completed, the picture will reveal a mystery picture.

	Soccer	Basketball	Tennis	Golf	Total
Boys	10		12	14	
Girls		16	9		
Total	17			21	93

TWO-WAY TABLES

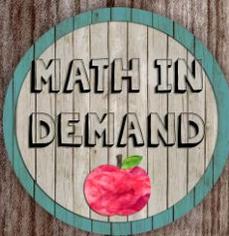
- ROUND DECIMALS TO NEAREST WHOLE NUMBER**
- How many kids prefer basketball? _____ kids
 - How many kids prefer tennis? _____ kids
 - How many girls prefer basketball? _____ girls
 - How many girls prefer golf? _____ girls
 - How many boys prefer basketball or golf? _____ boys
 - How many kids prefer soccer or basketball? _____ kids
 - How many girls were surveyed? _____ girls
 - How many boys were surveyed? _____ boys
 - What percentage of kids was girls? _____ = _____%
 - What percentage of kids was boys? _____ = _____%
 - What percentage of kids prefer soccer? _____ = _____%
 - What percentage of kids prefer basketball? _____ = _____%
 - What percentage of kids prefer tennis or basketball? _____ = _____%
 - What percentage of boys prefer basketball? _____ = _____%
 - What percentage of boys prefer golf? _____ = _____%
 - What percentage of boys prefer soccer? _____ = _____%
 - What percentage of girls prefer tennis? _____ = _____%
 - What percentage of girls prefer basketball? _____ = _____%
 - What percentage of girls prefer soccer or golf? _____ = _____%
 - What percentage of boys do not prefer tennis? _____ = _____%
 - What percentage of girls do not prefer soccer or golf? _____ = _____%

answer that you calculated from your work. Continue until you finish the mystery picture.



58	58	36	23	58	58	64	36	58	58
58	54	36	36	36	36	36	36	37	58
58	51	36	7	58	58	59	36	51	58
58	51	58	58	32	26	18	58	51	58
58	51	58	58	26	26	26	58	51	58
58	51	33	16	34	39	42	19	51	58
58	51	16	16	16	42	42	42	51	58
58	21	21	21	21	21	21	21	21	58
58	51	51	51	51	51	51	51	51	58
58	41	51	51	51	51	51	51	78	58

MYSTERY PICTURE



- 4.)
- 5.)
- 6.)
- 7.)
- 8.)
- 12.)
- 13.)
- 14.)
- 15.)
- 16.)
- 20.)
- 21.)

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Teacher Notes

There are many different ways that you can implement my activity. I have given a few ways below:

1.) Use it in Google Slides. The link below will force students to make a copy. Give students this link by posting it in Google Classroom.

<https://cutt.ly/TtHs74T>

2.) Upload the PowerPoint into your Google Classroom and have students complete the activity. Once completed, the students can email you their PowerPoint or upload it into Google Classroom.

VIDEO

I have made a short video that explains how to complete this activity. The student PowerPoint and Google Slides has the video embedded in the slides. If it does not work, you can also have students go to the following link:

<https://youtu.be/A2dy6gPURYA>

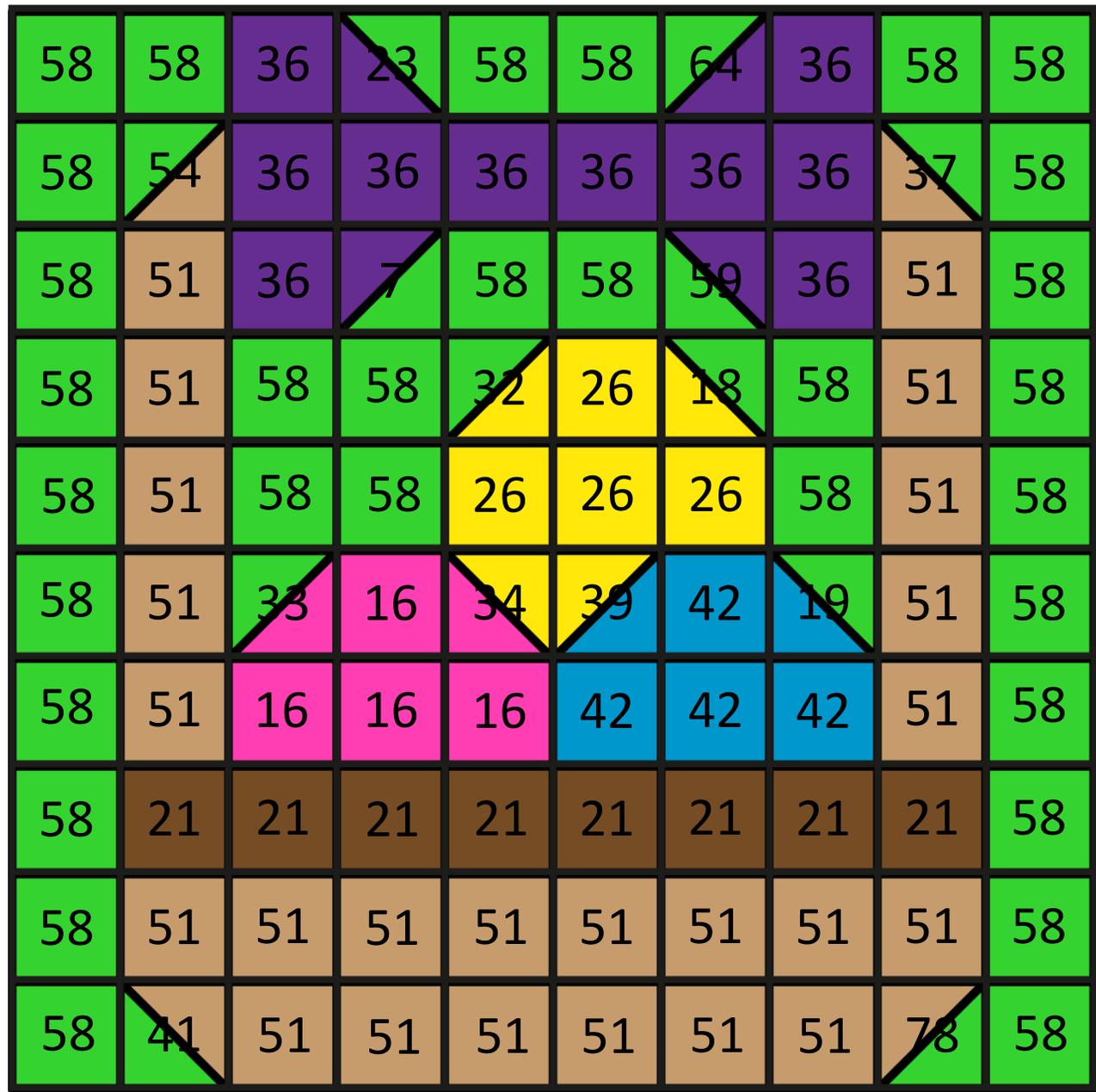
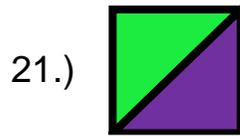
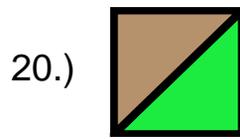
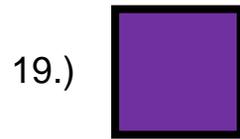
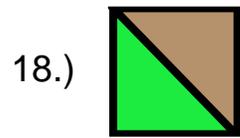
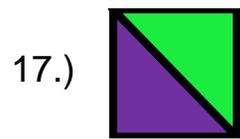
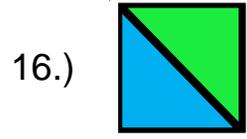
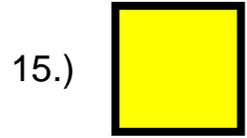
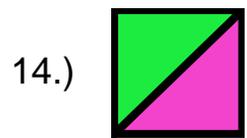
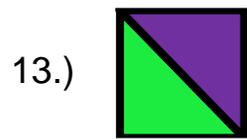
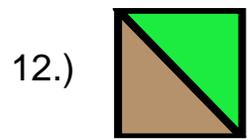
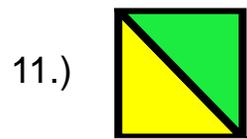
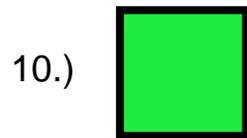
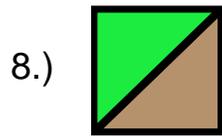
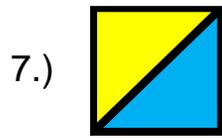
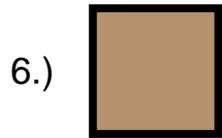
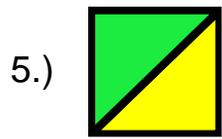
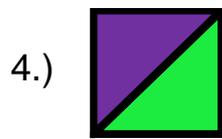
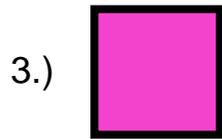
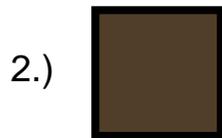
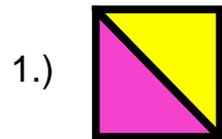
The following pages below include the answer keys!

A survey asked 93 kids, "What is your favorite sport?". The data from the survey is given in the table. Complete the two-way table then answer the following questions. You will use your answers to drag boxes on the next page. After completed, the picture will reveal a mystery picture.

	Soccer	Basketball	Tennis	Golf	Total
Boys	10	18	12	14	54
Girls	7	16	9	7	39
Total	17	34	21	21	93

<u>ROUND DECIMALS TO NEAREST WHOLE NUMBER</u>	
1.) How many kids prefer basketball? <u>34</u> kids	11.) What percentage of kids prefer soccer? $\frac{17}{93} = \underline{18}\%$
2.) How many kids prefer tennis? <u>21</u> kids	12.) What percentage of kids prefer basketball? $\frac{34}{93} = \underline{37}\%$
3.) How many girls prefer basketball? <u>16</u> girls	13.) What percentage of kids prefer tennis or basketball? $\frac{55}{93} = \underline{59}\%$
4.) How many girls prefer golf? <u>7</u> girls	14.) What percentage of boys prefer basketball? $\frac{18}{54} = \underline{33}\%$
5.) How many boys prefer basketball or golf? <u>32</u> boys	15.) What percentage of boys prefer golf? $\frac{14}{54} = \underline{26}\%$
6.) How many kids prefer soccer or basketball? <u>51</u> kids	16.) What percentage of boys prefer soccer? $\frac{10}{54} = \underline{19}\%$
7.) How many girls were surveyed? <u>39</u> girls	17.) What percentage of girls prefer tennis? $\frac{9}{39} = \underline{23}\%$
8.) How many boys were surveyed? <u>54</u> boys	18.) What percentage of girls prefer basketball? $\frac{16}{39} = \underline{41}\%$
9.) What percentage of kids was girls? $\frac{39}{93} = \underline{42}\%$	19.) What percentage of girls prefer soccer or golf? $\frac{14}{39} = \underline{36}\%$
10.) What percentage of kids was boys? $\frac{54}{93} = \underline{58}\%$	20.) What percentage of boys do not prefer tennis? $\frac{42}{54} = \underline{78}\%$
	21.) What percentage of girls do not prefer soccer or golf? $\frac{25}{39} = \underline{64}\%$

Directions: Drag the box for problem #1 on top of the answer that you calculated from your work. Continue until you finish the mystery picture.



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