

Name		Class	
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Riverbend State School · Games Day last year

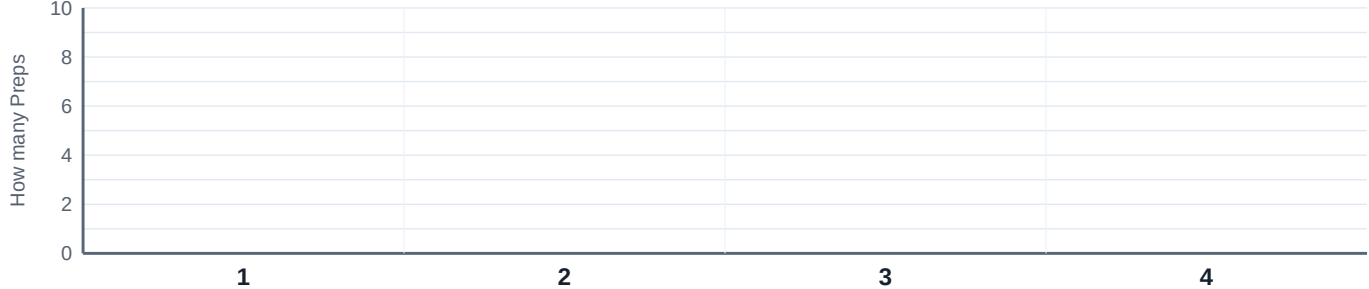
Twenty Prep buddies played at each of two stalls. Each one was asked how much they liked it, from 1 to 4.

How much they liked it	The Spinner Stall	The Treasure Bag
1 did not enjoy it	1	4
2 it was okay	3	7
3 I liked it	9	6
4 I loved it	7	3
Preps altogether	20	20

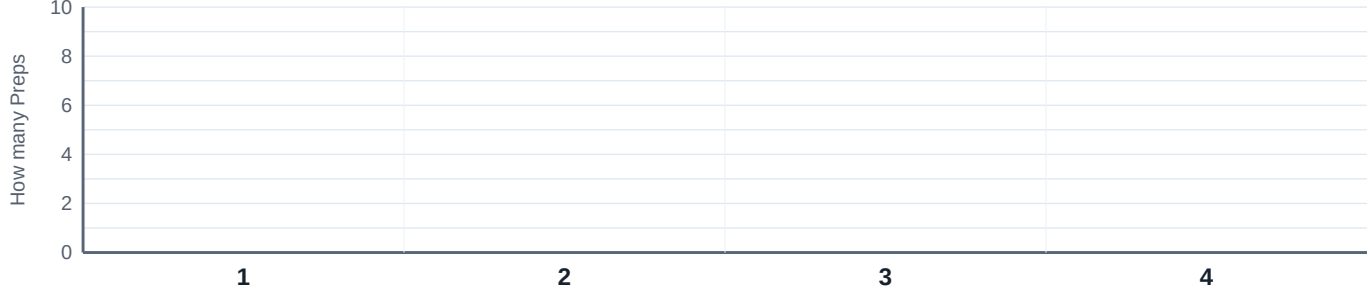
Shade the bars

One bar for each rating, on both charts. Use the table above.

The Spinner Stall



The Treasure Bag



Rating, 1 to 4

Part A · Off the table

SF
1

What is the mode of each set of ratings?

	Mode
The Spinner Stall	
The Treasure Bag	

SF
2

What is the range of each set?

	Lowest	Highest	Range
The Spinner Stall			
The Treasure Bag			

SF
3

How many Preps gave a 3 or a 4 at each stall?

	Gave a 3 or a 4	Out of how many
The Spinner Stall		20
The Treasure Bag		20

Part B · What the charts show

CF
4

Both sets have a range of 3. Look at your two shaded charts. Does that mean the two stalls got the same reaction? Explain what the charts show.

CF
5

Write one sentence comparing the two stalls. Name the thing that is different, give both numbers, say what it means.

Name the feature → give both values → say what it means.

CF
6

Which stall did the Preps like more? Give two separate pieces of evidence.

EVIDENCE 1

EVIDENCE 2

Part C · Answer the teacher

CU
7

A teacher says "both ranges are 3, so the Preps liked the two stalls about the same". What would you say back?

Exit ticket

On your own. Five minutes. Two more stalls, twenty Preps at each.

Rating	Set X	Set Y
1	0	5
2	2	4
3	12	8
4	6	3

SF
1

What is the mode of each set?

CF
2

The modes are the same. Write one sentence saying how the two sets are still different.

CU
3

Someone says "same mode, so same reaction". Use a number from the table to show they are wrong.
