

Name		Class	
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Part one · prizes won

The same two stalls. Each Prep had five turns. Twenty Preps at each stall.

Prizes won	The Spinner Stall	The Treasure Bag
0	2	7
1	5	6
2	6	4
3	4	2
4	2	1
5	1	0
Preps altogether	20	20

SFA

Which number of prizes happened most often at each stall?

	Happened most often
The Spinner Stall	
The Treasure Bag	

Part two · how long a turn took

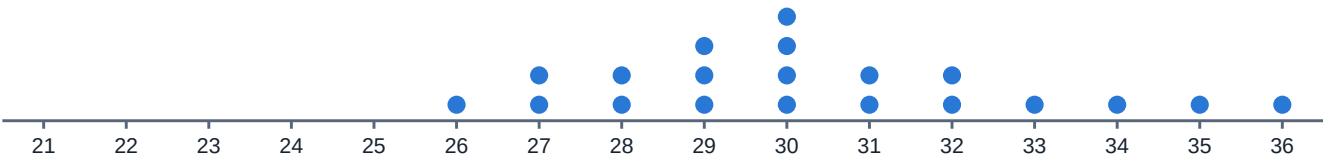
Seconds, to the nearest second. Twenty turns at each stall. Both number lines below run from 21 to 36, so you can compare them by looking.

The Spinner Stall: 26 27 27 28 28 29 29 29 30 30 30 30 31 31 32 32 33 34 35 36

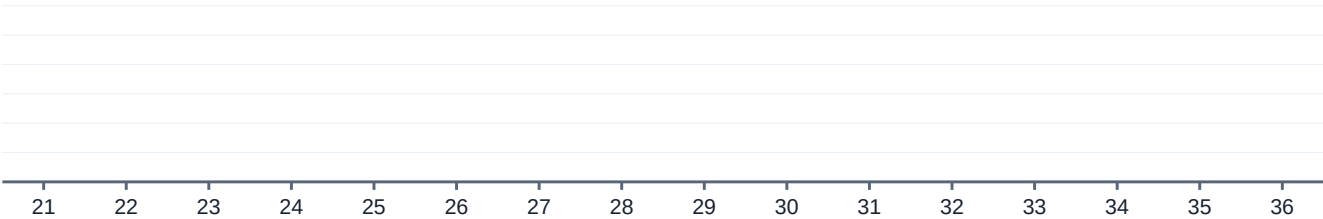
The Treasure Bag: 21 22 22 23 23 23 24 24 24 24 25 25 26 27 28 29 30 32 34 36

The Spinner Stall is plotted for you. Put one dot above the line for each of the Treasure Bag times. If a number comes up twice, stack the second dot on top of the first.

The Spinner Stall



The Treasure Bag



Seconds for one turn

Questions

SF
B

Look at your two dot plots. Which stall has more dots on the left-hand side of the line?

CF
C

Finish the sentence to say which stall's turns were quicker.

WHICH STALL WAS QUICKER, AND HOW YOU CAN TELL

Frame: The _____ turns were quicker, because most of its dots are between _____ and _____, while most of the other stall's are between _____ and _____.

Exit ticket

On your own. Five minutes. Two more stalls timed their turns, in seconds. Ten Preps at each.

Stall	The ten times
Rocket	18, 19, 20, 20, 21, 21, 22, 23, 24, 32
Comet	20, 21, 22, 23, 23, 24, 24, 25, 26, 27

SF1

What is the range of each set?

	Shortest	Longest	Range
Rocket			
Comet			

CF2

Which stall was more consistent? Explain how you can tell.

CU3

Rocket has the quickest turn AND the slowest turn of all twenty. What does that tell you about using the fastest time to judge a stall?