

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

SF
1

What is the mode for each stall?

	Mode
The Spinner Stall	
The Treasure Bag	

SF
2

How many Preps won no prizes at all at each stall?

	Won nothing	Out of how many
The Spinner Stall		20
The Treasure Bag		20

CF
3

Write one sentence comparing the prizes won at the two stalls.

Part two · how long a turn took

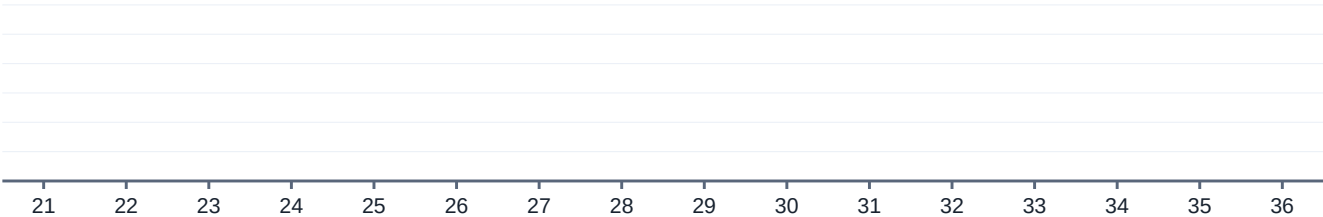
Seconds, to the nearest second. Twenty turns at each stall. Both number lines below run from 21 to 36, so you can compare them by looking.

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

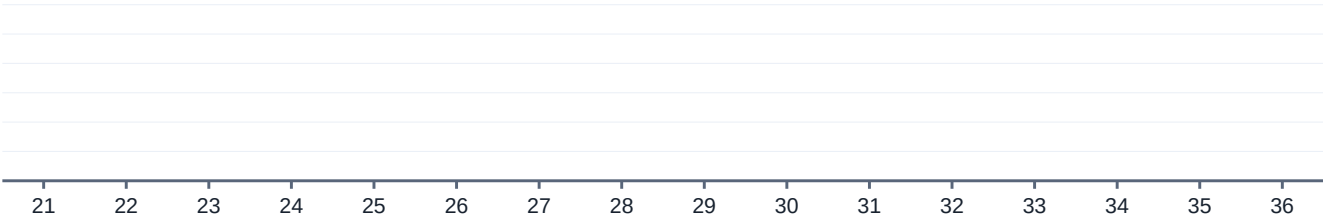
The Treasure Bag: 21 22 22 23 23 23 24 24 24 24 25 25 26 27 28 29 30 32 34 36

One dot above the line for each time. Repeats stack up.

The Spinner Stall



The Treasure Bag



Seconds for one turn

Part three · comparing the times

SF
4

Which stall's turns were generally quicker? How can you tell just by looking at the two dot plots?

CF
5

What is the range of each set of times? What does the difference between those two ranges tell you?

	Shortest	Longest	Range
The Spinner Stall			
The Treasure Bag			

WHAT THE DIFFERENCE IN THE RANGES TELLS YOU

CF
6

The Treasure Bag was quicker AND more spread out. Explain how both of those can be true at the same time.

CU
7

One Prep at the Treasure Bag took 36 seconds — exactly the same as the slowest turn at the Spinner Stall. Does that mean the two stalls were equally slow? Explain.

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

SF
1

What is the range of each set?

	Shortest	Longest	Range
Rocket			
Comet			

CF
2

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

CU
3

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?
