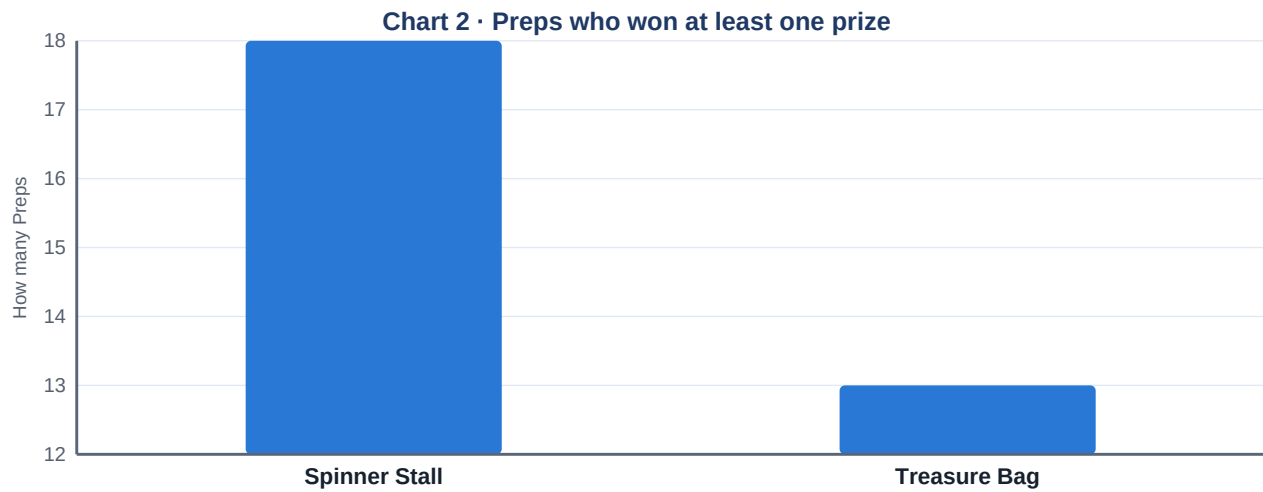


Every number on these charts is correct

Nobody has made anything up. The charts still give the wrong idea. Your job is to work out how, and then say what the numbers really show.

1	Thumb over the numbers up the side. What does the picture make you believe?
2	Thumb off. What are the two real numbers?
3	Where does the axis start? If it is not zero, the bar lengths are not the values.

6 TIMES MORE PREPS WON A PRIZE AT OUR STALL!



The real numbers	Spinner Stall	Treasure Bag
Preps who won at least one prize	18	13
Preps altogether	20	20

SF1

Chart 2: where does the axis start? _____ Chart 3 (next page): where does that one start? _____

SF2

Chart 2 shows 18 Preps and 13 Preps. How many MORE Preps won a prize at the Spinner Stall?

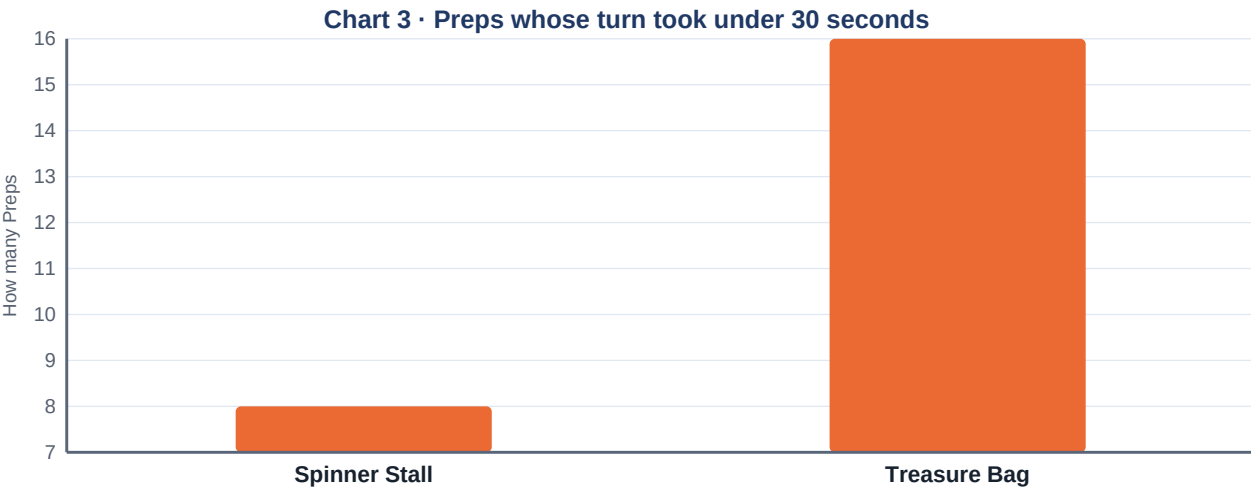
CF3

The poster says six times more. Thumb over the numbers — why does the picture agree with the poster?

CF
4

Is 18 six times 13? Write one sentence saying what the chart made you believe, and what the numbers really say.

9 TIMES MORE PREPS GOT A QUICK TURN AT OURS!



The real numbers	Spinner Stall	Treasure Bag
Turns that took under 30 seconds	8	16
Preps altogether	20	20

CF
5

Chart 3 says nine times more. The real numbers are 16 and 8. What is the truth about those two numbers?

CF
6

Chart 3 is about a difference that IS real — twice as many. Why do you think the team exaggerated it anyway?

7. Redraw one of them honestly

Every chart today compares the same two stalls. Pick one of them, draw it again with the axis starting at zero, then write a headline that matches YOUR chart.

My chart is about:



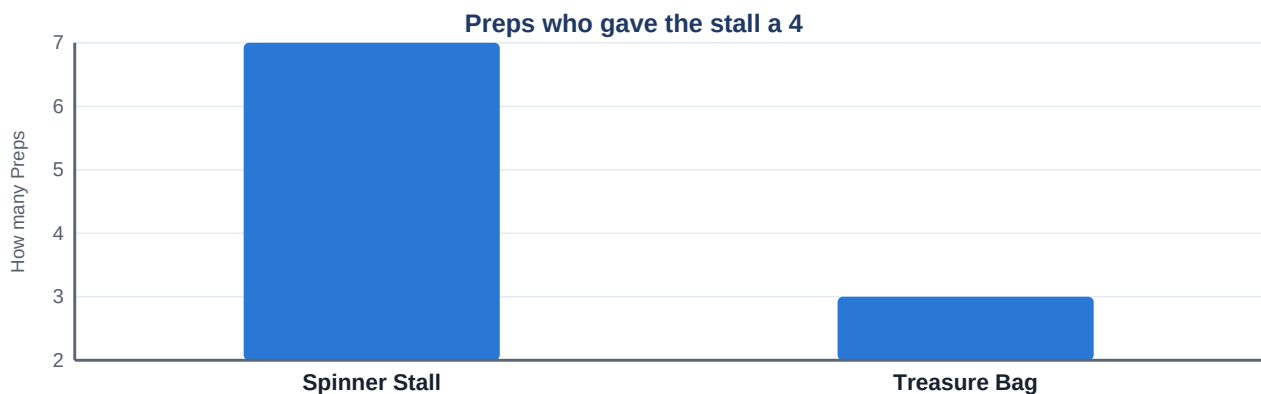
My honest headline:

CU
8

A weather chart of temperatures between 24° and 31° starts its axis at 20, not 0. Is that misleading? Explain what makes it different from chart 2.

Exit ticket

A new poster, about Preps who gave the stall the top score of 4.

5 TIMES MORE PREPS GAVE US TOP MARKS!

One sentence: what is wrong with this chart?

Write an honest headline for it:
