

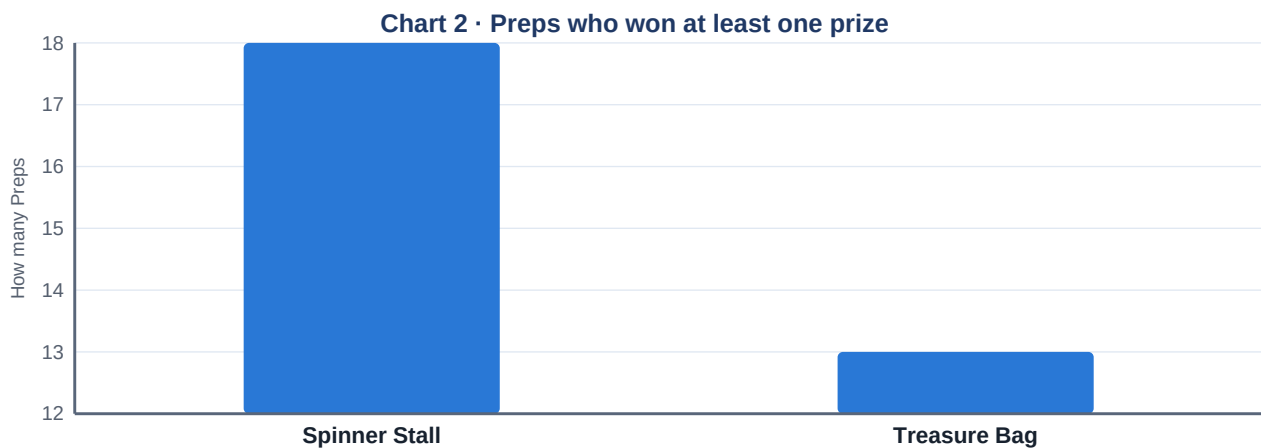
## Every number on these charts is correct

Nobody has made anything up. The charts still give the wrong idea. Work out how.

|   |                                                                             |
|---|-----------------------------------------------------------------------------|
| 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 the axis does not start at zero, the bars are the wrong size for the numbers. That is the trick, every time.

### 6 TIMES MORE PREPS WON A PRIZE AT OUR STALL!

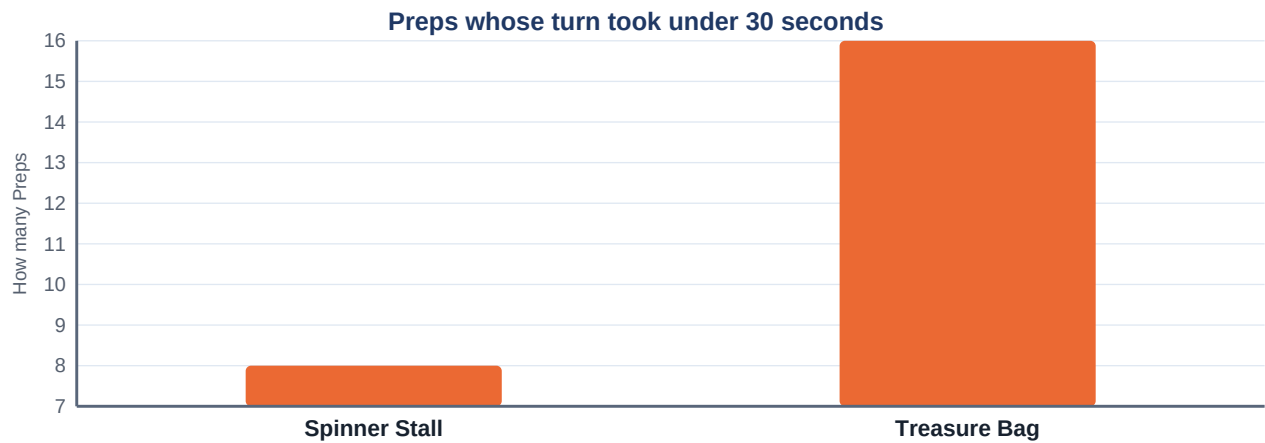


| The real numbers                 | Spinner Stall | Treasure Bag |
|----------------------------------|---------------|--------------|
| Preps who won at least one prize | 18            | 13           |
| Preps altogether                 | 20            | 20           |

### Chart 2 — finish the sentences

- The axis starts at \_\_\_\_\_, not at zero.
- The real numbers are \_\_\_\_\_ and \_\_\_\_\_.
- The poster says six times more. That is ( true / not true ) — circle one.
- The picture made me think \_\_\_\_\_,  
but really there were only \_\_\_\_\_ more Preps.

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           |

5. The axis starts at \_\_\_\_\_ .
6. The real numbers are \_\_\_\_\_ and \_\_\_\_\_ .
7. 16 is \_\_\_\_\_ times 8. The poster said nine times.

8. Draw chart 3 honestly

The axis is already done for you, starting at zero. Shade a bar up to 8 for the Spinner Stall and a bar up to 16 for the Treasure Bag.



Now finish the honest headline:

\_\_\_\_\_ times as many Preps got a quick turn at the Treasure Bag.