ODDS

$\mathbf{Odds} = \frac{success}{failure}$

Use the spinner at the right. Find the odds in favor of each event.

1.	10	2.	White		11112 1 2
3.	Two digit number	4.	Dotted or striped		10 3 9 8 7 6 5
5.	Even number	6.	Number > 7	7. Odd nur	nber
8.	Number divisible by	12	9. Number divisit	ble by 3	10. Not 9

Determine what the odds are in favor of the event happening.

- 11. There are 8 blue marbles and only two green marbles in a bag. What are the odds in favor that you could reach in without looking and pick a green marble on the first try?
- 12. June bought 5 different candy bars: a Snickers, an O'Henry, a Three Musketeers, a Kit Kat, and a Butterfinger. She sat them on the kitchen counter, left the room for an hour, and came back to find only one candy bar left. What are the odds in favor that the Snickers was still left?
- 13. You roll a die. What are the odds in favor of you rolling a 1 or a 2?

There are 4 grape, 2 cherry, 3 lemon, and 7 raspberry gumball s in a bag.

14. What are the odds in favor of picking, without looking, a lemon or grape