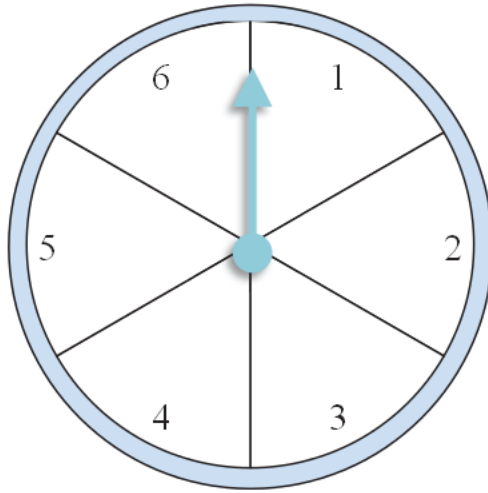




Use the spinner below to determine if each statement is 'true' or 'false'.



Answers

- 1) It is impossible for the spinner to land on an odd number.
- 2) The spinner will certainly land on a whole number less than 7.
- 3) The spinner is certain to land on an even or an odd number.
- 4) The spinner will certainly land on a whole number greater than 10.
- 5) It is certain the spinner will land on a whole number larger than 0.
- 6) It is impossible for the spinner to land on a whole number larger than 6.
- 7) It is certain the spinner will land on 5.

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____

Use 'certain', 'impossible' or 'equally likely' to determine the probability of the event occurring.

- 8) Evan had 6 red pencils and 5 green pencils. If he grabs one at random what is the probability he will grab either a red or green pencil?
- 9) If you had a fair number cube with sides from 1 to 6, what is the probability of rolling a 9?
- 10) Bill had 8 pieces of chocolate candy and 8 pieces of caramel. If he picks one at random, what is the probability he will pick a chocolate piece?
- 11) Zoe had 2 comedy movies and 2 action movies. If she picks one at random, what is the probability she will pick a comedy?
- 12) Zoe had 9 comedy books and 9 sci-fi books. If she picks one to read without looking what is the probability she will select a comedy book?
- 13) Larry had 8 white shirts and 8 black shirts. If he picks one without looking, what is the probability he will pick either a white or black shirt?
- 14) A donut shop had 10 glazed donuts and 9 chocolate donuts. If Gwen picks one at random what is the probability of her selecting a powdered donut?
- 15) Henry had 6 red pens and 6 blue pins. If he picks one at random, what is the probability he will pick a red pen?