

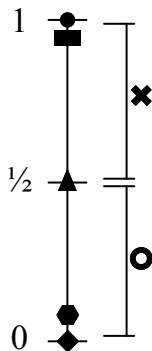
The Language of Chance

© FREEFALL MATHEMATICS - FREEFALL MATHEMATICS ALTITUDE BOOK 2 - LICENSED FOR NON-COMMERCIAL USE



Place the appropriate word that matches the shape in the probability scale.

Use this word list for the symbols: Impossible, likely, unlikely, even chance, certain, highly unlikely and almost certain.



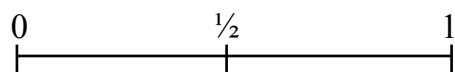
- 1 ● = _____
- 2 ▲ = _____
- 3 ◆ = _____
- 4 ● = _____
- 5 ○ = _____
- 6 ■ = _____
- 7 ✕ = _____

Place the question numbers on the probability scale below, where you think they go.



- 8 The rolling of a number less than 3 with a fair die.
- 9 Selecting a red card from a deck of cards
- 10 The chance of buying one ticket and winning the lottery.
- 11 Selecting a number card from a deck of cards
- 12 Rolling a die and getting a number less than 7

Place numbers below the scale



Explain the meaning of an event having ...

13 A Probability of 1.

14 A Probability of $\frac{1}{2}$.

15 A Probability of 0.

Using a bag of marbles that contains either blue or green marbles, or a mix of both, describe an event that is



16 Almost impossible.

17 An even chance.

18 Certain.

19 Impossible.



Draw a line between the word and its match.

- | | |
|-------------------|-----------------|
| 20 Certain | Even Chance |
| Likely | Impossible |
| Should Happen | 50/50 Chance |
| Almost Impossible | Has to happen |
| Cannot happen | Highly Unlikely |



Use the words above to answer these sentences.

- 21 The chance you will celebrate your 53rd birthday tomorrow. _____
- 22 The chance you will use your eraser today. _____
- 23 The chance you will loan money to the person seated closest to you. _____
- 24 The chance you will answer this question with your non-writing hand. _____
- 25 The chance the next baby born at the local hospital will be a boy. _____
- 26 The chance the next birth at your local hospital will be triplets. _____
- 27 The chance of reading this question while patting a live mammoth. _____
- 28 The chance of tossing a coin and getting a head or a tail. _____