

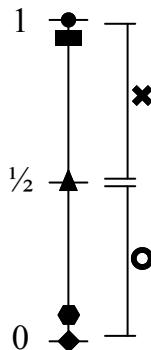
# The Language of Chance

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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.

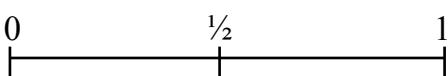


- 1 ● = \_\_\_\_\_
- 2 ▲ = \_\_\_\_\_
- 3 ◆ = \_\_\_\_\_
- 4 ◆ = \_\_\_\_\_
- 5 ○ = \_\_\_\_\_
- 6 ■ = \_\_\_\_\_
- 7 ✕ = \_\_\_\_\_

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. \_\_\_\_\_