

PROBABILITY ON A CONTINUUM

Determine the probability of the following.

1. QUESTION

Judge the following events as **certain**, **impossible**, or **possible**.

a. It will rain tomorrow.

b. Drop a rock in water and it will sink.

c. Trees will talk to us in the afternoon.

d. The sun will rise tomorrow morning.

e. Two students will be absent tomorrow.

f. George will go to bed before 8:30 tonight.

g. You will have two birthdays this year.

h. Three students would arrive to class late tomorrow.

i. Dad could be in traffic for whole day tomorrow.

2. QUESTION

Brian is a fast runner who wins most of the race he participates in. Which one of the following running is most likely Brian?



1 2 3

3. QUESTION

Could I get a 7 in one toss of this die?



☐ certain

☐ possible

☐ impossible

4. QUESTION

If I place these marbles in a paper bag, is it likely I could pull out a green ball in the first try?



☐ certain

☐ possible

☐ impossible

5. QUESTION

On a continuum, organize the likeliness of the following. Impossible should be at the top (first) and certain (last).



IMPOSSIBLE

CERTAIN