

# 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.

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

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c. Trees will talk to us in the afternoon.

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d. The sun will rise tomorrow morning.

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e. Two students will be absent tomorrow.

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

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g. You will have two birthdays this year.

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h. Three students would arrive to class late tomorrow.

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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?



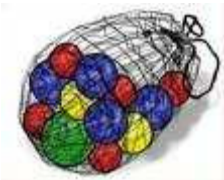
certain

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).

