



Probability Discrete vs Continuous - Individual Values Meaningful to Discrete or Continuous

1

Is a random variable with this description of the probabilities of specific values discrete or continuous?

Wins earned by a baseball team during a season: $P(x)$ is meaningful.

A	B
Discrete	Continuous

2

Is a random variable with this description of the probabilities of specific values discrete or continuous?

Diameter of a tree trunk: $P(x)$ is not meaningful.

A	B
Discrete	Continuous

3

Is a random variable with this description of the probabilities of specific values discrete or continuous?

Red cars passing an intersection in ten minutes: $P(x)$ is meaningful.

A	B
Discrete	Continuous

4

Is a random variable with this description of the probabilities of specific values discrete or continuous?

Flights arriving at an airport in one hour: $P(x)$ is meaningful.

A	B
Discrete	Continuous

5

Is a random variable with this description of the probabilities of specific values discrete or continuous?

Time required to complete a marathon: $P(x)$ is not meaningful.

A	B
Discrete	Continuous

6

Is a random variable with this description of the probabilities of specific values discrete or continuous?

Speed of a passing vehicle: $P(x)$ is not meaningful.

A	B
Discrete	Continuous

7

Is a random variable with this description of the probabilities of specific values discrete or continuous?

Pets owned by a randomly selected family: $P(x)$ is meaningful.

A	B
Discrete	Continuous

8

Is a random variable with this description of the probabilities of specific values discrete or continuous?

Times a basketball player makes a free throw out of ten attempts: $P(x)$ is meaningful.

A	B
Discrete	Continuous