Congratulations! You passed!
Grade received 100%
To pass 80% or higher
 Go to next item

1.  Which of the following statements describe continuous random variables? Select all that apply.

    1 / 1 point

    ☐ Continuous random variables are typically negative numbers;

    ☐ Continuous random variables are typically whole numbers.

    ☑ Continuous random variables are typically decimal values.

    ⊘ Correct
    Continuous random variables take all the possible values in some range of numbers. Typically, these are decimal values that can be measured, such as height, weight, or time.

    ☑ Continuous random variables take all the possible values in some range of numbers.

    ⊘ Correct
    Continuous random variables take all the possible values in some range of numbers. Typically, these are decimal values that can be measured, such as height, weight, or time.

2.  What probability distribution represents experiments with repeated trials that each have two possible outcomes: success or failure?

    1 / 1 point

    ○ The normal distribution

    ⦿ The binomial distribution

    ○ The trinomial distribution

    ○ The Poisson distribution

    ⊘ Correct
    The binomial distribution represents experiments with repeated trials that each have two possible outcomes: success or failure.