edX

Homework

Please answer the following questions. Be sure that you have downloaded the associated Excel file before beginning the homework. This lesson uses the **JulyProbabilityHW.xlsx** file.

*Remember that homework counts for 20% of your final grade. You are allowed **unlimited** attempts per question for homework problems. The main goal of homework is for you to practice and learn how to apply what you've learned in the content without worrying about getting the problem right the first time. Some homework problems may also provide hints or advice. Have fun!*

M2L1HW1

1/1 point (graded)
When two six-sided dice are rolled, what is the probability of rolling a total of 5?
Remember that there are 36 possible outcomes when rolling two six-sided dice.

○ 1/7

○ 1/8

◉ 1/9 ✔

○ 1/10

Submit

✔ Correct (1/1 point)

M2L1HW2

1/1 point (graded)

When tossing a coin 4 times, what is the probability of tossing 3 or 4 heads.

There are 16 outcomes in the sample space. Out of the 16 outcomes, how many have 3 or more heads?

○ 4/16

◉ 5/16 ✔

○ 6/16

○ 7/16

Submit

✔ Correct (1/1 point)

M2L1HW3

1/1 point (graded)

When drawing a card from a deck of cards, what is the probability of drawing an 8 or a 9?

Remember that a standard deck of 52 playing cards consists of 4 suits with each suit having an 8 and 9 card.

⊙ 1/13

⦿ 2/13 ✔

⊙ 3/13

⊙ 4/13

Submit

✔ Correct (1/1 point)