



Compound Events Task Cards

By: Kayla Renee'

#10



You spin the spinner and roll a die. What is the probability of spinning a green and rolling an even number?

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#24

The data below shows the possible outcomes when rolling two dice. What is more likely: rolling a 3 or rolling a 6?

Number	2	3	4	5	6
Probability	$\frac{1}{36}$	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{5}{36}$

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#14

Two dice are rolled. Find the probability of getting a sum of 5.



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#7

Are the events independent or dependent?

There are 3 red gumballs, 2 green gumballs, and 4 white gumballs in a bag. If two gumballs are drawn, what is the probability of both being red?

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#1

You randomly choose a type of crust and a topping for a pizza. How many different pizzas are possible?



Crust:
Thin
Original

Toppings:
Pepperoni
Bacon
Hamburger
Sausage

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#2

You flip a coin three times. What is the probability of getting two heads and one tail?



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#3

In a dependent event, the occurrence of one event does not influence the likelihood that the other event will occur.

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#4



A quarter and a die are rolled simultaneously. What is the sample space?

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#5



How many different outfits can you make from 6 t-shirts, 4 pairs of jeans, and 3 pairs of shoes?

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#6

There is a competition at school to see who can shoot the most free throws. How many free throws did Jessica, Mark, and Tom make in 1st, 2nd, and 3rd place?



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Independent or Dependent?

There are 10 gumballs, 2 green gumballs, and 8 white gumballs in a machine? If two gumballs are purchased, what is the probability of both being red?

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#8

Place a number in each blank to make the probability of pulling out a red pencil from each pouch the same. Don't use the same numbers for pouch #1 and pouch #2.

There are ___ red pencils and ___ green pencils in pouch #1. There are ___ red pencils and ___ blue pencils in pouch #2.

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Name _____

Compound Events Task Cards Answer Sheet

1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24