



Probability Random Variables - Experiment and X Definition to Outcome Table

1

Which partial outcome table shows the random variable X calculated correctly?

Experiment: flip 3 coins.
Let X = the number of heads. Which partial outcome table lists X correctly for its outcomes?

A	Outcome	X	B	Outcome	X
	TTT	1		TTT	0
	HHT	3		HHT	2
	TTH	2		TTH	1

C	Outcome	X	D	Outcome	X
	TTT	3		TTT	3
	HHT	1		HHT	3
	TTH	2		TTH	3

2

Which partial outcome table shows the random variable X calculated correctly?

Experiment: flip 2 coins.
Let X = the number of heads. Which partial outcome table lists X correctly for its outcomes?

A	Outcome	X	B	Outcome	X
	TT	1		TT	2
	HT	2		HT	2
	HH	3		HH	2

C	Outcome	X	D	Outcome	X
	TT	0		TT	2
	HT	1		HT	1
	HH	2		HH	0
