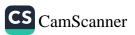


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	STA211/MTH219 22nd May 2024.
100	Exercises
1.	Consider the experiment of rolling toodice. How
	many events A are there with P(A) = 12?
2.	A store has 80 Power banks in its inventory, 30
	are somoung product while the remaining are
	10e products. Of the Samving Poiser Bank 20% are
	defective and 8% of the LC products are defective.
	Calculate the probability that exactly two out
	of a random sample of 5 power banks from the
	store inventory are defective.
3.	Suppose the is 40% chance of getting a freezing rain, 80% chance of snowing and freezing rain, Find
	the chance of snow.
	An Ura Contains 2 red ball & Ablueballs and 5





white balls a) What is the probability of the event R, that a ball drawn at random is Red. What is probability of event knot Rb. (c) What is the probability that a ball drawn at random is either Red or White. 5 If two fair dice are rolled find the probability that the sum of the two faces is 6 given that the two dice are showing different faces.



