

Ordering Chance Events

Instructions: Order the events from most likely (1) to least likely (4). For events that have an equal chance of happening, write the same number.

1	A single 6-sided die is rolled once.			
	The chance of rolling a 1	The chance of rolling an even number	The chance of rolling an odd number	The chance of rolling a 1 or 2

2	A pile of shirts: 15 blue, 6 red, 12 orange and 7 yellow			
	The chance of picking a blue shirt	The chance of picking an orange or yellow shirt	The chance of picking a red shirt	The chance of picking a purple shirt

3	A jar of jelly beans: 25 pink, 63 white, 13 yellow, 80 red and 48 green			
	The chance of picking a white jelly bean	The chance of picking a yellow jelly bean	The chance of picking a green jelly bean	The chance of picking a pink or green jelly bean



4	A coin is tossed three times.			
	The chance of getting heads on all tosses	The chance of getting at least one tails	The chance of getting tails on all tosses	The chance of getting at least one heads

5	A single 6-sided die is rolled once.			
	The chance of rolling a 6	The chance of rolling a 2 or 4	The chance of rolling an odd number	The chance of rolling a 2, 3 or 5.

6	A giant box of candy: 62 lemon, 59 raspberry, 33 cola, 109 grape and 75 cherry			
	The chance of picking lemon or cherry	The chance of picking a grape candy	The chance of picking lemon or cola	The chance of picking raspberry

7	Choosing an outfit to wear: 7 blue shirts, 4 red shirts and 9 white shirts 3 brown pants, 2 black pants and 4 blue pants			
	A white shirt and any pants	Any shirt and any pants	A red shirt and brown pants	A red shirt and any pants

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Instructions: Order the events from most likely (1) to least likely (4). For events that have an equal chance of happening, write the same number.

1	A set of 10 cards numbered from 1 to 10.			
	The chance of picking an odd card.	The chance of picking an even card	The chance of picking a card with 1 or 10	The chance of picking a card with 2 or 3

2	A glass bowl of 50 counters: 16 red, 11 green, 13 blue and 10 yellow			
	Picking a red or green counter	Picking a green or yellow counter	Picking a blue or yellow counter	Picking a green or blue counter

3	A spinner with 32 wedges: 14 blue, 9 red, 7 green and 2 white wedges			
	Landing on a white, red or green wedge	Landing on a red or green wedge	Landing on a blue or white wedge	Landing on a blue wedge



4	Two 6-sided die are rolled.			
	Rolling a 6 twice	Rolling an even then odd number	Rolling a 5 twice	Rolling an odd then even number

5	A jumbo box of mixed chocolates: 42 caramel, 8 cherry, 35 milk, 25 white and 17 dark			
	Picking a cherry or milk chocolate	Picking white, dark or cherry	Picking a caramel chocolate	Picking a white or dark chocolate

6	Choosing an outfit to wear: 5 polka-dot shirts, 6 striped shirts and 11 cartoon shirts 6 red pants, 8 white pants and 2 yellow pants			
	Polka-dot shirt with any pants	Cartoon shirt with white pants	Striped shirt with any pants	Cartoon shirt with red or yellow pants

7	Picking a 3-course meal: ENTRÉES: Garlic bread, dumplings and spring rolls MAINS: Noodles, pizza and steak with chips DESSERTS: Pudding, cake and fruit			
	Any entrée, steak with chips and any dessert	Spring rolls, any main and cake	Dumplings, noodles and fruit	Garlic bread, noodles or pizza and pudding