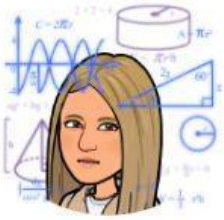
Probability - Sannolikhet

Probability = $\frac{\text{desired outcome or event}}{\text{total possible outcomes}}$



Example. P(heads) = $\frac{1}{2}$ = 0.5 = 50%

This spinner is spun once. Write the probability of each outcome or event:

Outcome or Event	Fraction (lowest terms)	Decimal	Percent
P(red) =	___		
P(blue) =	___		
P (green) =	___		
P (not yellow) =	___		
P(even number) =	___		
P (odd number) =	___		

LIVEWORKSHEETS

	1	2	3	4	5	6
1	(1,1)	(1,2)	(1,3)	(1,4)	(1,5)	(1,6)
2	(2,1)	(2,2)	(2,3)	(2,4)	(2,5)	(2,6)
3	(3,1)	(3,2)	(3,3)	(3,4)	(3,5)	(3,6)
4	(4,1)	(4,2)	(4,3)	(4,4)	(4,5)	(4,6)
5	(5,1)	(5,2)	(5,3)	(5,4)	(5,5)	(5,6)
6	(6,1)	(6,2)	(6,3)	(6,4)	(6,5)	(6,6)

This table shows all of the possible outcomes of rolling two dice. Decide with help of the table the probability of:

Outcome or Event	**Fraction** (lowest terms)	**Decimal**	**Percent**
P(sum of two) =	___		
P(sum of six) =	___		
P(sum of ten or less) =	___		
P(same value on both) =	___		

10% of tickets in this raffle are winning tickets. If there are 1305 total losing tickets, how many winning tickets are there?

LIVEWORKSHEETS