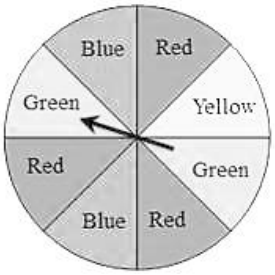
Probability Review Name: _____ Block: __

1. Given the spinner, what is the:



P(Red)=

P(Green)=

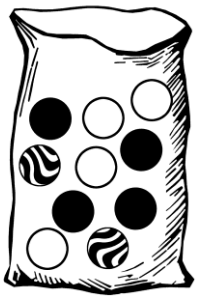
P(Yellow)=

P(Blue)=

P(Blue or Red)=

P(Yellow)'=

2. Given a bag of marbles, what is:



P(Black)=

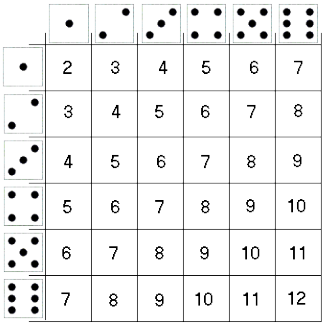
P(White)=

P(Swirl)=

P(Swirl)'=

P(Swirl or Black)=

3. Given the roll of 2 dice and their values are summed, what is the:



	2	3	4	5	6	7
	3	4	5	6	7	8
	4	5	6	7	8	9
	5	6	7	8	9	10
	6	7	8	9	10	11
	7	8	9	10	11	12

P(sum of 12)=

P(sum of 7)=

P(sum of 4 or sum of 10)=

P(even sum)=

P(even sum or sum of 8)=

4. Complete the table then answer the questions below.

	Adults	Children	Total
Male		20	
Female			60
Total	25	65	

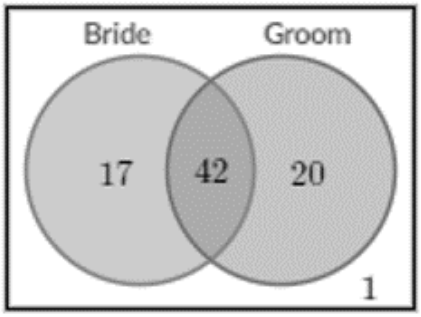
If a person Is chosen at random, what is the probability the person is an adult and a male?

If a person is chosen at random, what is the probability the person is a child?

If a female is chosen at random, what is the probability the female is a child?

If a child is chosen at random, what is the probability the child is an adult and a female?

5. The usher at a wedding asked each of the 80 guests whether they were a friend of the bride of the groom. Here are the results.



In this sample, are the events bride and groom mutually exclusive?

P(Bride)=

P(Groom)=

P(Groom)'=

P(Bride or Groom)=

P(Bride and Groom)