Sum of Two Dice Probabilities (A)

Find the probability of each sum when two dice are rolled.

+	1	2	3	4	5	6
1	2	3	4	5	6	7
2	3	4	5	6	7	8
3	4	5	6	7	8	9
4	5	6	7	8	9	10
5	6	7	8	9	10	11
6	7	8	9	10	11	12

$P(>2) =$

$P(<11) =$

$P(\geq 2) =$

$P(\geq 12) =$

$P(\leq 7) =$

$P(<5) =$

$P(\leq 5) =$

$P(10) =$

$P(\geq 8) =$

$P(<6) =$

$P(\geq 12) =$

$P(\leq 10) =$

$P(\geq 6) =$

$P(\leq 12) =$

$P(\geq 11) =$

$P(>5) =$

Sum of Two Dice Probabilities (A) Answers

Find the probability of each sum when two dice are rolled.

+	1	2	3	4	5	6
1	2	3	4	5	6	7
2	3	4	5	6	7	8
3	4	5	6	7	8	9
4	5	6	7	8	9	10
5	6	7	8	9	10	11
6	7	8	9	10	11	12

P(>2) = 35/36
35/36

P(≥2) = 36/36
1/1

P(≤7) = 21/36
7/12

P(≤5) = 10/36
5/18

P(≥8) = 15/36
5/12

P(≥12) = 1/36
1/36

P(≥6) = 26/36
13/18

P(≥11) = 3/36
1/12

P(<11) = 33/36
11/12

P(≥12) = 1/36
1/36

P(<5) = 6/36
1/6

P(10) = 3/36
1/12

P(<6) = 10/36
5/18

P(≤10) = 33/36
11/12

P(≤12) = 36/36
1/1

P(>5) = 26/36
13/18