Sum of Two Dice Probabilities (J)

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(7) =

P(≤4) =

P(≤10) =

P(>5) =

P(11) =

P(≤2) =
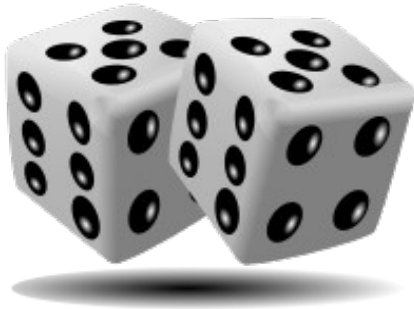
P(>5) =

P(>5) =

P(<5) =

P(>9) =

P(3) =

P(<12) =

P(≥12) =

P(>12) =

P(≤5) =

P(≥6) =

Sum of Two Dice Probabilities (J) 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(7) = 6/36
$\qquad$ 1/6

P(≤4) = 6/36
$\qquad$ 1/6

P(≤10) = 33/36
$\qquad$ 11/12

P(>5) = 26/36
$\qquad$ 13/18

P(11) = 2/36
$\qquad$ 1/18

P(≤2) = 1/36
$\qquad$ 1/36

P(>5) = 26/36
$\qquad$ 13/18

P(>5) = 26/36
$\qquad$ 13/18

P(<5) = 6/36
$\qquad$ 1/6

P(>9) = 6/36
$\qquad$ 1/6

P(3) = 2/36
$\qquad$ 1/18

P(<12) = 35/36
$\qquad$ 35/36

P(≥12) = 1/36
$\qquad$ 1/36

P(>12) = 0/36
$\qquad$ 0

P(≤5) = 10/36
$\qquad$ 5/18

P(≥6) = 26/36
$\qquad$ 13/18