

Sum of Two Dice Probabilities (E)

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

$P(<9) =$

$P(\geq 6) =$

$P(\leq 11) =$

$P(6) =$

$P(\leq 3) =$

$P(<3) =$

$P(9) =$

$P(2) =$

$P(\geq 3) =$

$P(>8) =$

$P(>4) =$

$P(\leq 4) =$

$P(\leq 12) =$

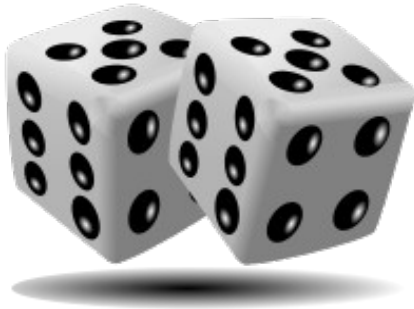
$P(<3) =$

$P(\leq 12) =$

$P(>11) =$

Sum of Two Dice Probabilities (E) 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

$$P(<9) = 26/36$$
$$13/18$$

$$P(\geq 6) = 26/36$$
$$13/18$$

$$P(\leq 11) = 35/36$$
$$35/36$$

$$P(6) = 5/36$$
$$5/36$$

$$P(\leq 3) = 3/36$$
$$1/12$$

$$P(<3) = 1/36$$
$$1/36$$

$$P(9) = 4/36$$
$$1/9$$

$$P(2) = 1/36$$
$$1/36$$

$$P(\geq 3) = 35/36$$
$$35/36$$

$$P(>8) = 10/36$$
$$5/18$$

$$P(>4) = 30/36$$
$$5/6$$

$$P(\leq 4) = 6/36$$
$$1/6$$

$$P(\leq 12) = 36/36$$
$$1/1$$

$$P(<3) = 1/36$$
$$1/36$$

$$P(\leq 12) = 36/36$$
$$1/1$$

$$P(>11) = 1/36$$
$$1/36$$