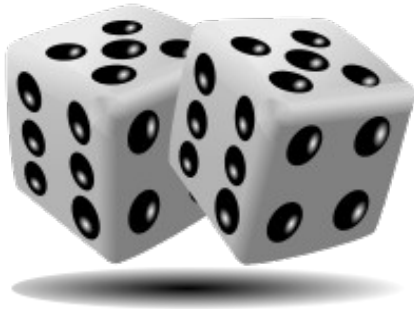


# Sum of Two Dice Probabilities (G)

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

$P(>8) =$

$P(>9) =$

$P(\geq 3) =$

$P(6) =$

$P(>8) =$

$P(>4) =$

$P(10) =$

$P(\geq 9) =$

$P(10) =$

$P(>6) =$

$P(\geq 4) =$

$P(>10) =$

$P(\leq 7) =$

$P(>8) =$

$P(9) =$

$P(\leq 11) =$

# Sum of Two Dice Probabilities (G) 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

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

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

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

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

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

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

$$P(10) = 3/36$$
$$1/12$$

$$P(\geq 9) = 10/36$$
$$5/18$$

$$P(10) = 3/36$$
$$1/12$$

$$P(>6) = 21/36$$
$$7/12$$

$$P(\geq 4) = 33/36$$
$$11/12$$

$$P(>10) = 3/36$$
$$1/12$$

$$P(\leq 7) = 21/36$$
$$7/12$$

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

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

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