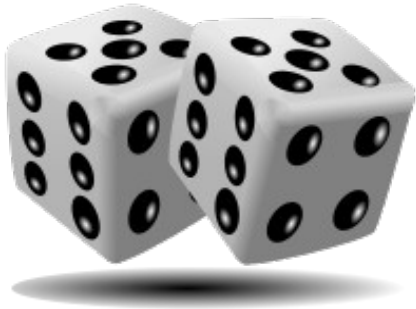


# Sum of Two Dice Probabilities (H)

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

$P(\leq 4) =$

$P(< 4) =$

$P(< 5) =$

$P(> 7) =$

$P(> 5) =$

$P(\geq 10) =$

$P(\geq 7) =$

$P(> 5) =$

$P(\leq 8) =$

$P(> 6) =$

$P(\leq 5) =$

$P(\geq 4) =$

$P(> 8) =$

$P(\leq 11) =$

$P(< 6) =$

$P(> 4) =$

# Sum of Two Dice Probabilities (H) 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

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

$$1/6$$

$$P(< 4) = 3/36$$

$$1/12$$

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

$$1/6$$

$$P(> 7) = 15/36$$

$$5/12$$

$$P(> 5) = 26/36$$

$$13/18$$

$$P(\geq 10) = 6/36$$

$$1/6$$

$$P(\geq 7) = 21/36$$

$$7/12$$

$$P(> 5) = 26/36$$

$$13/18$$

$$P(\leq 8) = 26/36$$

$$13/18$$

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

$$7/12$$

$$P(\leq 5) = 10/36$$

$$5/18$$

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

$$11/12$$

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

$$5/18$$

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

$$35/36$$

$$P(< 6) = 10/36$$

$$5/18$$

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

$$5/6$$