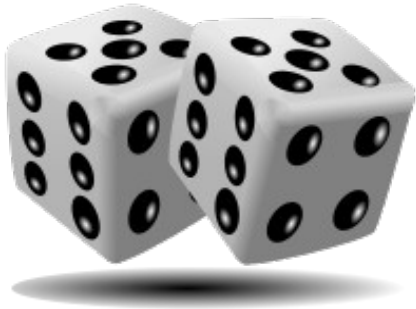


# Sum of Two Dice Probabilities (F)

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

$P(\leq 11) =$

$P(\geq 10) =$

$P(< 8) =$

$P(\geq 11) =$

$P(8) =$

$P(< 8) =$

$P(\leq 5) =$

$P(\geq 12) =$

$P(\leq 6) =$

$P(\leq 10) =$

$P(< 7) =$

$P(< 5) =$

$P(> 12) =$

$P(\geq 5) =$

$P(> 6) =$

$P(> 12) =$

# Sum of Two Dice Probabilities (F) 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

$$P(\leq 11) = \frac{35}{36}$$

$$\frac{35}{36}$$

$$P(\geq 10) = \frac{6}{36}$$

$$\frac{1}{6}$$

$$P(< 8) = \frac{21}{36}$$

$$\frac{7}{12}$$

$$P(\geq 11) = \frac{3}{36}$$

$$\frac{1}{12}$$

$$P(8) = \frac{5}{36}$$

$$\frac{5}{36}$$

$$P(< 8) = \frac{21}{36}$$

$$\frac{7}{12}$$

$$P(\leq 5) = \frac{10}{36}$$

$$\frac{5}{18}$$

$$P(\geq 12) = \frac{1}{36}$$

$$\frac{1}{36}$$

$$P(\leq 6) = \frac{15}{36}$$

$$\frac{5}{12}$$

$$P(\leq 10) = \frac{33}{36}$$

$$\frac{11}{12}$$

$$P(< 7) = \frac{15}{36}$$

$$\frac{5}{12}$$

$$P(< 5) = \frac{6}{36}$$

$$\frac{1}{6}$$

$$P(> 12) = \frac{0}{36}$$

$$0$$

$$P(\geq 5) = \frac{30}{36}$$

$$\frac{5}{6}$$

$$P(> 6) = \frac{21}{36}$$

$$\frac{7}{12}$$

$$P(> 12) = \frac{0}{36}$$

$$0$$