## Sum of Two Dice Probabilities (E)

Find the probability of each sum when two dice are rolled.

$\mathrm{P}(<9)=$

$$
P(\leq 11)=
$$

$$
P(\leq 3)=
$$

$$
P(9)=
$$

$$
P(\geq 3)=
$$

$$
P(>4)=
$$

$$
P(\leq 12)=
$$

$P(\leq 12)=$

| $\mathbf{+}$ | $\mathbf{1}$ | $\mathbf{2}$ | $\mathbf{3}$ | $\mathbf{4}$ | $\mathbf{5}$ | $\mathbf{6}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\mathbf{1}$ | 2 | 3 | 4 | 5 | 6 | 7 |
| $\mathbf{2}$ | 3 | 4 | 5 | 6 | 7 | 8 |
| $\mathbf{3}$ | 4 | 5 | 6 | 7 | 8 | 9 |
| $\mathbf{4}$ | 5 | 6 | 7 | 8 | 9 | 10 |
| $\mathbf{5}$ | 6 | 7 | 8 | 9 | 10 | 11 |
| $\mathbf{6}$ | 7 | 8 | 9 | 10 | 11 | 12 |

$P(\geq 6)=$
$P(6)=$
$P(<3)=$
$P(2)=$
$\mathrm{P}(>8)=$

$$
P(\leq 4)=
$$

$$
\mathrm{P}(<3)=
$$

$P(>11)=$

