

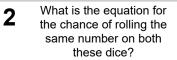
mobius

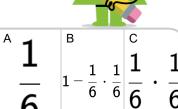
Probability - Dice (2), All Same, To **Fraction Equation**

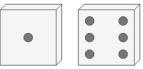


1	What is the equation for
ı	the chance of rolling the
	same number on both
	these dice?

$$egin{bmatrix} rac{1}{6} \cdot rac{1}{6}
brack 1 - rac{1}{6}
brack$$





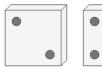


$$1 - \frac{1}{6} \cdot \frac{1}{6}$$

$$1-rac{1}{6}$$

$$\left|1-\frac{1}{6}\cdot\frac{1}{6}\right|^2 \left|1-\frac{1}{6}\right|^2$$

$$\left| \frac{1}{6} \right|^{1 - \frac{1}{6} \cdot \frac{1}{6}} \left| 1 - \frac{1}{6} \right|^{2}$$





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

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

$$\begin{bmatrix} A \\ 1 - \frac{1}{6} \cdot \frac{1}{6} \end{bmatrix} \begin{bmatrix} B \\ \frac{1}{6} \end{bmatrix}$$
.

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

$$\left|\frac{1}{6}\cdot\frac{1}{6}\right|^{1-\frac{1}{6}\cdot\frac{1}{6}}$$





$$1-rac{1}{6}$$



$$1-rac{1}{6}$$

$$\left| rac{1}{6} \cdot rac{1}{6}
ight|^{\mathrm{B}} 1 - \left| rac{1}{6}
ight|^{\mathrm{C}} 1 - \left| rac{1}{6} \cdot rac{1}{6}
ight|$$

$$egin{array}{c} \mathbf{1} - rac{1}{6} \begin{vmatrix} \mathbf{1} \\ \mathbf{1} \end{vmatrix} \cdot rac{1}{6} \begin{vmatrix} \mathbf{1} \\ \mathbf{6} \end{vmatrix}$$



$$1-rac{1}{6}\cdotrac{1}{6}$$