

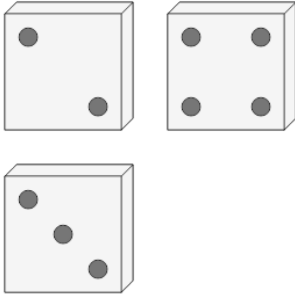


Math worksheet on 'Probability - Dice (3), All Same, To Fraction Equation (Level 1)'. Part of a broader unit on 'Probability and Counting - Multiple Events - Practice'

Learn online:

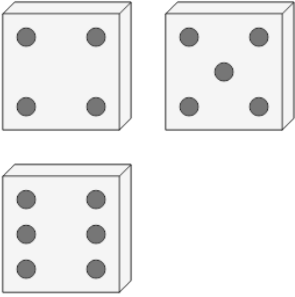
app.mobius.academy/math/units/probability_counting_multiple_event_practice/

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



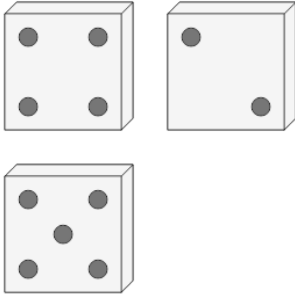
| | |
|---|---|
| a $1 - \frac{1}{6} \cdot \frac{1}{6} \cdot \frac{1}{6}$ | b $\frac{1}{6} \cdot \frac{1}{6}$ |
| c $\frac{1}{6} \cdot \frac{1}{6} \cdot \frac{1}{6}$ | d $1 - \frac{1}{6} \cdot \frac{1}{6}$ |
| | |

2 What is the equation for the chance of rolling the same number on all these dice?



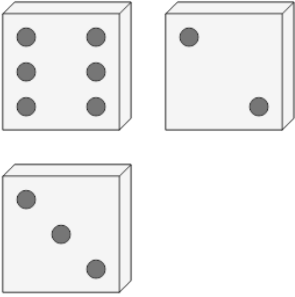
| | |
|---|---|
| a $1 - \frac{1}{6} \cdot \frac{1}{6} \cdot \frac{1}{6}$ | b $\frac{1}{6} \cdot \frac{1}{6} \cdot \frac{1}{6}$ |
| c $\frac{1}{6} \cdot \frac{1}{6}$ | d $1 - \frac{1}{6} \cdot \frac{1}{6}$ |
| | |

3 What is the equation for the chance of rolling the same number on all these dice?



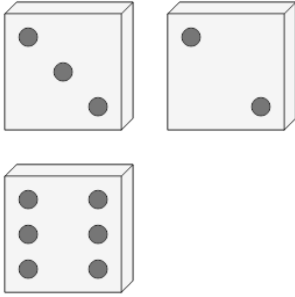
| | |
|---|---|
| a $1 - \frac{1}{6} \cdot \frac{1}{6}$ | b $1 - \frac{1}{6} \cdot \frac{1}{6} \cdot \frac{1}{6}$ |
| c $\frac{1}{6} \cdot \frac{1}{6} \cdot \frac{1}{6}$ | d $\frac{1}{6} \cdot \frac{1}{6}$ |
| | |

4 What is the equation for the chance of rolling the same number on all these dice?



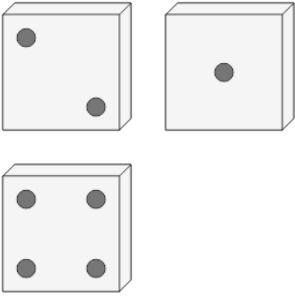
| | |
|---|---|
| a $\frac{1}{6} \cdot \frac{1}{6} \cdot \frac{1}{6}$ | b $\frac{1}{6} \cdot \frac{1}{6}$ |
| c $1 - \frac{1}{6} \cdot \frac{1}{6}$ | d $1 - \frac{1}{6} \cdot \frac{1}{6} \cdot \frac{1}{6}$ |
| | |

5 What is the equation for the chance of rolling the same number on all these dice?



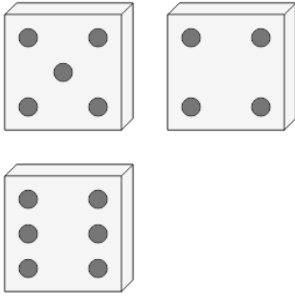
| | |
|---|---|
| a $\frac{1}{6} \cdot \frac{1}{6} \cdot \frac{1}{6}$ | b $\frac{1}{6} \cdot \frac{1}{6}$ |
| c $1 - \frac{1}{6} \cdot \frac{1}{6}$ | d $1 - \frac{1}{6} \cdot \frac{1}{6} \cdot \frac{1}{6}$ |
| | |

6 What is the equation for the chance of rolling the same number on all these dice?



| | |
|---|---|
| a $\frac{1}{6} \cdot \frac{1}{6} \cdot \frac{1}{6}$ | b $1 - \frac{1}{6} \cdot \frac{1}{6}$ |
| c $1 - \frac{1}{6} \cdot \frac{1}{6} \cdot \frac{1}{6}$ | d $\frac{1}{6} \cdot \frac{1}{6}$ |
| | |

7 What is the equation for the chance of rolling the same number on all these dice?



| | |
|---|---|
| a $1 - \frac{1}{6} \cdot \frac{1}{6} \cdot \frac{1}{6}$ | b $\frac{1}{6} \cdot \frac{1}{6}$ |
| c $1 - \frac{1}{6} \cdot \frac{1}{6}$ | d $\frac{1}{6} \cdot \frac{1}{6} \cdot \frac{1}{6}$ |
| | |