

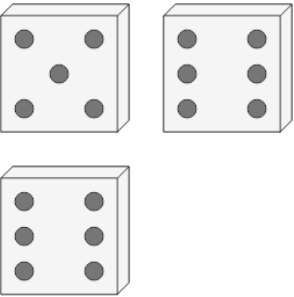


Math worksheet on 'Probability - Dice (3), Not All Specific, To Fraction Equation (Level 1)'. Part of a broader unit on 'Probability and Counting - Multiple Events - Practice'

Learn online:

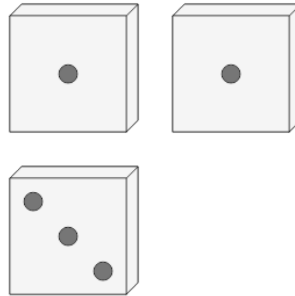
app.mobius.academy/math/units/probability_counting_multiple_event_practice/

2 What is the equation for the chance of NOT rolling all 4's on these dice?



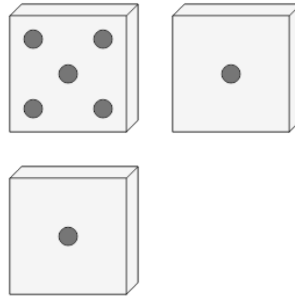
<p>a $\frac{1}{6} \cdot \frac{1}{6} \cdot \frac{1}{6}$</p> <p>c $1 - \frac{1}{6} \cdot \frac{1}{6} \cdot \frac{1}{6}$</p>	<p>b $1 - \frac{1}{6} \cdot \frac{1}{6}$</p> <p>d $\frac{1}{6} \cdot \frac{1}{6}$</p>

1 What is the equation for the chance of NOT rolling all 2's on these dice?



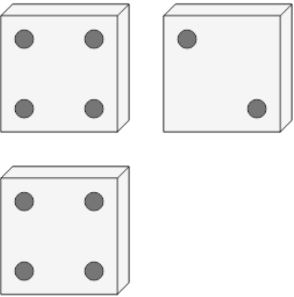
<p>a $1 - \frac{1}{6} \cdot \frac{1}{6} \cdot \frac{1}{6}$</p> <p>c $1 - \frac{1}{6} \cdot \frac{1}{6}$</p>	<p>b $\frac{1}{6} \cdot \frac{1}{6}$</p> <p>d $\frac{1}{6} \cdot \frac{1}{6} \cdot \frac{1}{6}$</p>

3 What is the equation for the chance of NOT rolling all 4's on these dice?



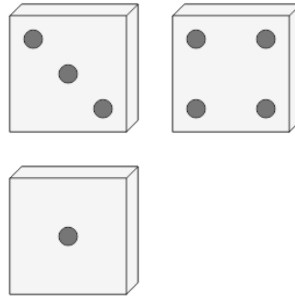
<p>a $1 - \frac{1}{6} \cdot \frac{1}{6}$</p> <p>c $\frac{1}{6} \cdot \frac{1}{6} \cdot \frac{1}{6}$</p>	<p>b $\frac{1}{6} \cdot \frac{1}{6}$</p> <p>d $1 - \frac{1}{6} \cdot \frac{1}{6} \cdot \frac{1}{6}$</p>

4 What is the equation for the chance of NOT rolling all 2's on these dice?



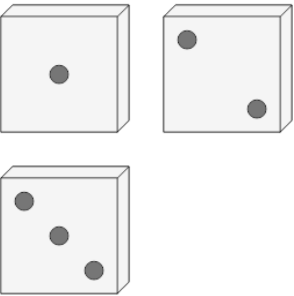
<p>a $\frac{1}{6} \cdot \frac{1}{6}$</p> <p>c $1 - \frac{1}{6} \cdot \frac{1}{6}$</p>	<p>b $\frac{1}{6} \cdot \frac{1}{6} \cdot \frac{1}{6}$</p> <p>d $1 - \frac{1}{6} \cdot \frac{1}{6} \cdot \frac{1}{6}$</p>

5 What is the equation for the chance of NOT rolling all 5's on these dice?



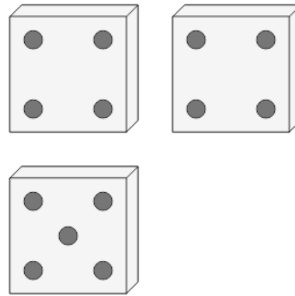
<p>a $1 - \frac{1}{6} \cdot \frac{1}{6} \cdot \frac{1}{6}$</p> <p>c $\frac{1}{6} \cdot \frac{1}{6} \cdot \frac{1}{6}$</p>	<p>b $1 - \frac{1}{6} \cdot \frac{1}{6}$</p> <p>d $\frac{1}{6} \cdot \frac{1}{6}$</p>

6 What is the equation for the chance of NOT rolling all 2's on these dice?



<p>a $1 - \frac{1}{6} \cdot \frac{1}{6} \cdot \frac{1}{6}$</p> <p>c $\frac{1}{6} \cdot \frac{1}{6} \cdot \frac{1}{6}$</p>	<p>b $\frac{1}{6} \cdot \frac{1}{6}$</p> <p>d $1 - \frac{1}{6} \cdot \frac{1}{6}$</p>

7 What is the equation for the chance of NOT rolling all 5's on these dice?



<p>a $\frac{1}{6} \cdot \frac{1}{6} \cdot \frac{1}{6}$</p> <p>c $1 - \frac{1}{6} \cdot \frac{1}{6} \cdot \frac{1}{6}$</p>	<p>b $1 - \frac{1}{6} \cdot \frac{1}{6}$</p> <p>d $\frac{1}{6} \cdot \frac{1}{6}$</p>