

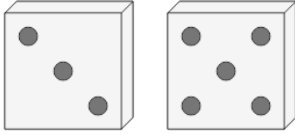


Math worksheet on 'Probability - Dice (2), Not All Same, To Fraction Equation (Level 1)'. Part of a broader unit on 'Probability and Counting - Multiple Events - Practice'

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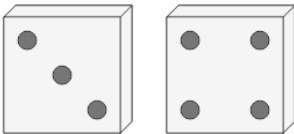
[app.mobius.academy/math/units/probability\\_counting\\_multiple\\_event\\_practice/](http://app.mobius.academy/math/units/probability_counting_multiple_event_practice/)

**1** What is the equation for the chance of rolling a mixed set (not both the same number) on these dice?



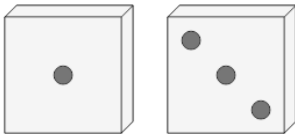
<b>a</b> $\frac{1}{6}$	<b>b</b> $1 - \frac{1}{6} \cdot \frac{1}{6}$	<b>c</b> $1 - \frac{1}{6}$	
<b>d</b> $\frac{1}{6} \cdot \frac{1}{6}$			

**2** What is the equation for the chance of rolling a mixed set (not both the same number) on these dice?



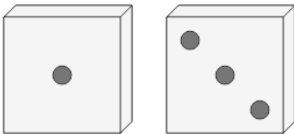
<b>a</b> $1 - \frac{1}{6} \cdot \frac{1}{6}$	<b>b</b> $\frac{1}{6}$	<b>c</b> $\frac{1}{6} \cdot \frac{1}{6}$	
<b>d</b> $1 - \frac{1}{6}$			

**3** What is the equation for the chance of rolling a mixed set (not both the same number) on these dice?



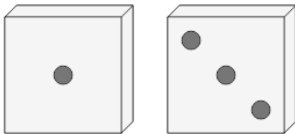
<b>a</b> $\frac{1}{6}$	<b>b</b> $1 - \frac{1}{6}$	<b>c</b> $\frac{1}{6} \cdot \frac{1}{6}$	
<b>d</b> $1 - \frac{1}{6} \cdot \frac{1}{6}$			

**4** What is the equation for the chance of rolling a mixed set (not both the same number) on these dice?



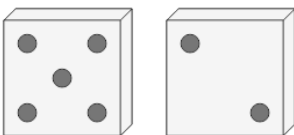
<b>a</b> $\frac{1}{6}$	<b>b</b> $1 - \frac{1}{6}$	<b>c</b> $1 - \frac{1}{6} \cdot \frac{1}{6}$	
<b>d</b> $\frac{1}{6} \cdot \frac{1}{6}$			

**5** What is the equation for the chance of rolling a mixed set (not both the same number) on these dice?



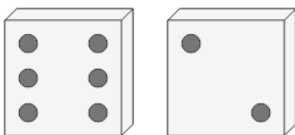
<b>a</b> $\frac{1}{6} \cdot \frac{1}{6}$	<b>b</b> $1 - \frac{1}{6} \cdot \frac{1}{6}$	<b>c</b> $1 - \frac{1}{6}$	
<b>d</b> $\frac{1}{6}$			

**6** What is the equation for the chance of rolling a mixed set (not both the same number) on these dice?



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

**7** What is the equation for the chance of rolling a mixed set (not both the same number) on these dice?



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