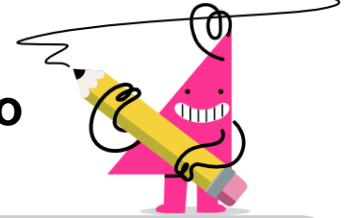




## Probability - Coins (3), Not All Same, To Fraction Equation



<p><b>1</b> What is the equation for the chance of flipping a mixed set (not all heads or all tails) on these coins?</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;">25c</div> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center;">1c</div> </div> <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 10px;"> <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;">25c</div> </div>	<p>A <math>\frac{1}{2} \cdot \frac{1}{2}</math></p>	<p>B <math>\frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2}</math></p>	<p><b>2</b> What is the equation for the chance of flipping a mixed set (not all heads or all tails) on these coins?</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center;">1c</div> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center;">5c</div> </div> <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 10px;"> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center;">5c</div> </div>	<p>A <math>1 - \frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2}</math></p>	<p>B <math>\frac{1}{2} \cdot \frac{1}{2}</math></p>
<p><b>3</b> What is the equation for the chance of flipping a mixed set (not all heads or all tails) on these coins?</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;">25c</div> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center;">10c</div> </div> <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 10px;"> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center;">10c</div> </div>	<p>A <math>\frac{1}{2} \cdot \frac{1}{2}</math></p>	<p>B <math>1 - \frac{1}{2} \cdot \frac{1}{2}</math></p>	<p><b>4</b> What is the equation for the chance of flipping a mixed set (not all heads or all tails) on these coins?</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;">25c</div> <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;">25c</div> </div> <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 10px;"> <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;">25c</div> </div>	<p>A <math>1 - \frac{1}{2} \cdot \frac{1}{2}</math></p>	<p>B <math>1 - \frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2}</math></p>
<p><b>5</b> What is the equation for the chance of flipping a mixed set (not all heads or all tails) on these coins?</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center;">1c</div> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center;">10c</div> </div> <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 10px;"> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center;">1c</div> </div>	<p>A <math>1 - \frac{1}{2} \cdot \frac{1}{2}</math></p>	<p>B <math>\frac{1}{2} \cdot \frac{1}{2}</math></p>	<p><b>6</b> What is the equation for the chance of flipping a mixed set (not all heads or all tails) on these coins?</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center;">10c</div> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center;">1c</div> </div> <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 10px;"> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center;">5c</div> </div>	<p>A <math>1 - \frac{1}{2} \cdot \frac{1}{2}</math></p>	<p>B <math>\frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2}</math></p>
<p><b>7</b> What is the equation for the chance of flipping a mixed set (not all heads or all tails) on these coins?</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center;">10c</div> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center;">5c</div> </div> <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 10px;"> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center;">10c</div> </div>	<p>A <math>1 - \frac{1}{2} \cdot \frac{1}{2}</math></p>	<p>B <math>\frac{1}{2} \cdot \frac{1}{2}</math></p>	<p><b>8</b> What is the equation for the chance of flipping a mixed set (not all heads or all tails) on these coins?</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center;">1c</div> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center;">1c</div> </div> <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 10px;"> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center;">5c</div> </div>	<p>A <math>\frac{1}{2} \cdot \frac{1}{2}</math></p>	<p>B <math>1 - \frac{1}{2} \cdot \frac{1}{2}</math></p>