



Math worksheet on 'Probability - Coins (4), Not All Same, To Fraction Equation (Level 1)'. Part of a broader unit on 'Probability and Counting - Multiple Events - Advanced'

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2 What is the equation for the chance of flipping a mixed set (not all heads or all tails) on these coins?

a $1 - \frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2}$	b $\frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2}$
c $1 - \frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2}$	d $\frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2}$

3 What is the equation for the chance of flipping a mixed set (not all heads or all tails) on these coins?

a $\frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2}$	b $\frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2}$
c $1 - \frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2}$	d $1 - \frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2}$

4 What is the equation for the chance of flipping a mixed set (not all heads or all tails) on these coins?

a $\frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2}$	b $1 - \frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2}$
c $\frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2}$	d $1 - \frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2}$

5 What is the equation for the chance of flipping a mixed set (not all heads or all tails) on these coins?

a $\frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2}$	b $\frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2}$
c $1 - \frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2}$	d $1 - \frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2}$

6 What is the equation for the chance of flipping a mixed set (not all heads or all tails) on these coins?

a $1 - \frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2}$	b $\frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2}$
c $\frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2}$	d $1 - \frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2}$

7 What is the equation for the chance of flipping a mixed set (not all heads or all tails) on these coins?

a $\frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2}$	b $1 - \frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2}$
c $1 - \frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2}$	d $\frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2}$