

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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What is the equation for the chance of flipping a mixed set (not all heads or all tails) on these coins?	a 1/2	$\frac{1}{2}$	$\frac{1}{2}$	$\cdot \frac{1}{2}$	h 2	• -	1 2	•	$\frac{1}{2}$
1c 10c	c	$-\frac{1}{2}$	$\cdot \frac{1}{2}$	$\cdot \frac{1}{2}$	d 1 –	$\frac{1}{2}$.	$\frac{1}{2}$.	$\frac{1}{2}$. 1/2
10c 1c									

- What is the equation for the chance of flipping a mixed set (not all heads or all tails) on these coins?
 - these coins?
 - 5c 25c
- $\frac{\mathbf{a}}{1-\frac{1}{2}\cdot\frac{1}{2}\cdot\frac{1}{2}\cdot\frac{1}{2}} \cdot \frac{\mathbf{b}}{2} \cdot \frac{1}{2} \cdot \frac{1}{2}$
- c | d | $1 \frac{1}{2} \cdot \frac{1}{2}$
- What is the equation for the chance of flipping a mixed set (not all heads or all tails) on these coins?
 - 25c 25c
 - 5c 5c

d set on	$\frac{1}{2}$	•	$\frac{1}{2}$	•	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\left \frac{1}{2} \right $
	C	$\frac{1}{2}$	$\cdot \frac{1}{2}$	$\frac{1}{2}$	$\cdot \frac{1}{2}$	d 1 –	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$

- What is the equation for the chance of flipping a mixed set (not all heads or all tails) on these coins?
 - 1c 5c
 - (10c) (25c)
- $\frac{\mathbf{a}}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} \cdot 1 \frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2}$
- $\left| \frac{\mathbf{q}}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} \right|^{1 \frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2}}$
- What is the equation for the chance of flipping a mixed set (not all heads or all tails) on these coins?

 The chance of flipping a mixed set and the chance of flipping a mixe
 - 5c 25c

- What is the equation for the chance of flipping a mixed set (not all heads or all tails) on these coins?
 - 5c 25c
 - 1c 10c
- $\begin{vmatrix} \mathbf{a} \\ 1 \frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} \end{vmatrix} = \frac{\mathbf{h}}{2} \cdot \frac{1}{2} \cdot \frac{1}{2}$
- $\begin{bmatrix} \mathbf{c} \\ \frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} & 1 \frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} \end{bmatrix}$
- 7 What is the equation for the chance of flipping a mixed set (not all heads or all tails) on these coins?



(10c)	(1c

 $\begin{array}{c|c}
\hline
2 & \overline{2} & \overline{2} & \overline{2} & \overline{1 - \frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2}} \\
\hline
\mathbf{c} & \mathbf{d} \\
\hline
1 - \frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} & \frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2}
\end{array}$