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

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

a $\dfrac{1}{6} \cdot \dfrac{1}{6}$

b $1 - \dfrac{1}{6} \cdot \dfrac{1}{6}$

c $\dfrac{1}{6} \cdot \dfrac{1}{6} \cdot \dfrac{1}{6}$

d $1 - \dfrac{1}{6} \cdot \dfrac{1}{6} \cdot \dfrac{1}{6}$

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

a $\dfrac{1}{6} \cdot \dfrac{1}{6} \cdot \dfrac{1}{6}$

b $1 - \dfrac{1}{6} \cdot \dfrac{1}{6} \cdot \dfrac{1}{6}$

c $1 - \dfrac{1}{6} \cdot \dfrac{1}{6}$

d $\dfrac{1}{6} \cdot \dfrac{1}{6}$

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

a $\dfrac{1}{6} \cdot \dfrac{1}{6}$

b $1 - \dfrac{1}{6} \cdot \dfrac{1}{6} \cdot \dfrac{1}{6}$

c $\dfrac{1}{6} \cdot \dfrac{1}{6} \cdot \dfrac{1}{6}$

d $1 - \dfrac{1}{6} \cdot \dfrac{1}{6}$

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

a $1 - \dfrac{1}{6} \cdot \dfrac{1}{6}$

b $\dfrac{1}{6} \cdot \dfrac{1}{6} \cdot \dfrac{1}{6}$

c $\dfrac{1}{6} \cdot \dfrac{1}{6}$

d $1 - \dfrac{1}{6} \cdot \dfrac{1}{6} \cdot \dfrac{1}{6}$

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

a $1 - \dfrac{1}{6} \cdot \dfrac{1}{6}$

b $1 - \dfrac{1}{6} \cdot \dfrac{1}{6} \cdot \dfrac{1}{6}$

c $\dfrac{1}{6} \cdot \dfrac{1}{6}$

d $\dfrac{1}{6} \cdot \dfrac{1}{6} \cdot \dfrac{1}{6}$

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

a $1 - \dfrac{1}{6} \cdot \dfrac{1}{6}$

b $\dfrac{1}{6} \cdot \dfrac{1}{6}$

c $1 - \dfrac{1}{6} \cdot \dfrac{1}{6} \cdot \dfrac{1}{6}$

d $\dfrac{1}{6} \cdot \dfrac{1}{6} \cdot \dfrac{1}{6}$

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

a $\dfrac{1}{6} \cdot \dfrac{1}{6} \cdot \dfrac{1}{6}$

b $1 - \dfrac{1}{6} \cdot \dfrac{1}{6}$

c $\dfrac{1}{6} \cdot \dfrac{1}{6}$

d $1 - \dfrac{1}{6} \cdot \dfrac{1}{6} \cdot \dfrac{1}{6}$