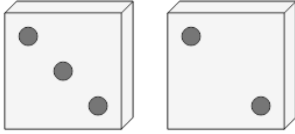# mobius

Math worksheet on *'Probability - Dice (2), All Same, To Fraction Equation (Level 1)'*. Part of a broader unit on *'Probability and Counting - Multiple Events - Practice'*
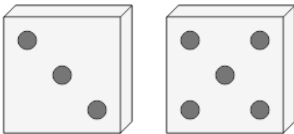
Learn online:

app.mobius.academy/math/units/probability_counting_multiple_event_practice/

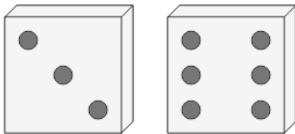**1** What is the equation for the chance of rolling the same number on both these dice?

a	b	c
$\dfrac{1}{6}$	$\dfrac{1}{6} \cdot \dfrac{1}{6}$	$1 - \dfrac{1}{6} \cdot \dfrac{1}{6}$
d $1 - \dfrac{1}{6}$		

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2 What is the equation for the chance of rolling the same number on both these dice?

a	b	c
$1 - \dfrac{1}{6}$	$\dfrac{1}{6} \cdot \dfrac{1}{6}$	$\dfrac{1}{6}$
d $1 - \dfrac{1}{6} \cdot \dfrac{1}{6}$		

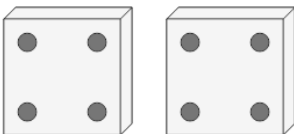**3** What is the equation for the chance of rolling the same number on both these dice?
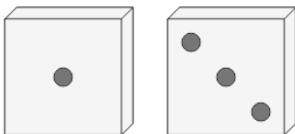
a	b	c
$1 - \dfrac{1}{6}$	$\dfrac{1}{6}$	$\dfrac{1}{6} \cdot \dfrac{1}{6}$
d $1 - \dfrac{1}{6} \cdot \dfrac{1}{6}$		

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4 What is the equation for the chance of rolling the same number on both these dice?
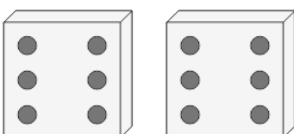
a	b	c
$\dfrac{1}{6} \cdot \dfrac{1}{6}$	$1 - \dfrac{1}{6}$	$\dfrac{1}{6}$
d $1 - \dfrac{1}{6} \cdot \dfrac{1}{6}$		

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5 What is the equation for the chance of rolling the same number on both these dice?
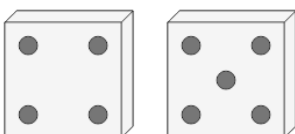
a	b	c
$1 - \dfrac{1}{6}$	$1 - \dfrac{1}{6} \cdot \dfrac{1}{6}$	$\dfrac{1}{6}$
d $\dfrac{1}{6} \cdot \dfrac{1}{6}$		

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6 What is the equation for the chance of rolling the same number on both these dice?

a	b	c
$\dfrac{1}{6} \cdot \dfrac{1}{6}$	$1 - \dfrac{1}{6}$	$\dfrac{1}{6}$
d $1 - \dfrac{1}{6} \cdot \dfrac{1}{6}$		

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7 What is the equation for the chance of rolling the same number on both these dice?

a	b	c
$\dfrac{1}{6}$	$\dfrac{1}{6} \cdot \dfrac{1}{6}$	$1 - \dfrac{1}{6} \cdot \dfrac{1}{6}$
d $1 - \dfrac{1}{6}$		