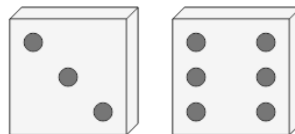# mobius

Math worksheet on *'Probability - Dice (2), Not All Specific, To Fraction Equation (Level 1)'*. Part of a broader unit on *'Probability and Counting - Multiple Events - Practice'*
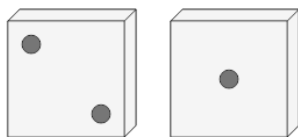
Learn online:

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

---

1 What is the equation for the chance of NOT rolling double 3's on these dice?
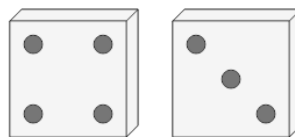
a	b	c
$\dfrac{1}{6} \cdot \dfrac{1}{6}$	$1 - \dfrac{1}{6} \cdot \dfrac{1}{6}$	$1 - \dfrac{1}{6}$
d $\dfrac{1}{6}$		

---

2 What is the equation for the chance of NOT rolling double 1's on these dice?

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

---

3 What is the equation for the chance of NOT rolling double 1's on these dice?

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

---

4 What is the equation for the chance of NOT rolling double 5's on these dice?
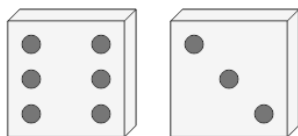
a	b	c
$1 - \dfrac{1}{6}$	$\dfrac{1}{6} \cdot \dfrac{1}{6}$	$1 - \dfrac{1}{6} \cdot \dfrac{1}{6}$
d $\dfrac{1}{6}$		

---

5 What is the equation for the chance of NOT rolling double 1's on these dice?
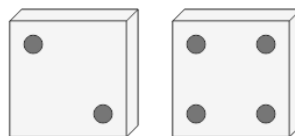
a	b	c
$1 - \dfrac{1}{6}$	$\dfrac{1}{6} \cdot \dfrac{1}{6}$	$1 - \dfrac{1}{6} \cdot \dfrac{1}{6}$
d $\dfrac{1}{6}$		

---

6 What is the equation for the chance of NOT rolling double 1's on these dice?
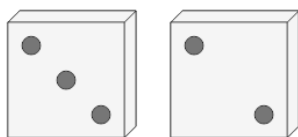
a	b	c
$\dfrac{1}{6} \cdot \dfrac{1}{6}$	$1 - \dfrac{1}{6}$	$\dfrac{1}{6}$
d $1 - \dfrac{1}{6} \cdot \dfrac{1}{6}$		

---

7 What is the equation for the chance of NOT rolling double 2's on these dice?

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