

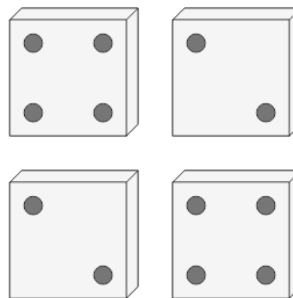


Math worksheet on 'Probability - Dice (4), All Same, To Fraction (Level 1)'. Part of a broader unit on 'Probability and Counting - Multiple Events - Advanced'

Learn online:

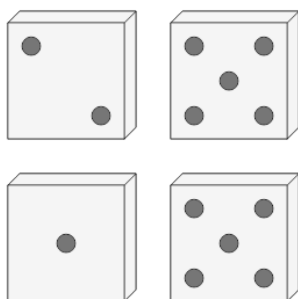
app.mobius.academy/math/units/probability_counting_multiple_event_advanced/

1 What is the chance of rolling the same number on all these dice?



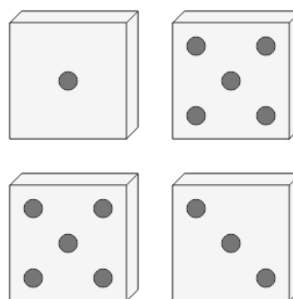
a	b	c
$\frac{1}{216}$	$\frac{1}{143}$	$\frac{1}{425}$
d	e	f
$\frac{3}{429}$	$\frac{3}{288}$	$\frac{2}{344}$

2 What is the chance of rolling the same number on all these dice?



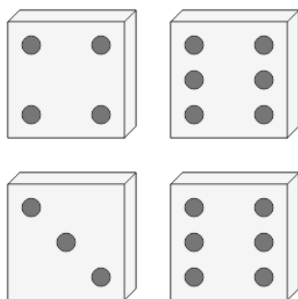
a	b	c
$\frac{2}{79}$	$\frac{3}{423}$	$\frac{1}{434}$
d	e	f
$\frac{1}{216}$	$\frac{1}{63}$	$\frac{3}{90}$

3 What is the chance of rolling the same number on all these dice?



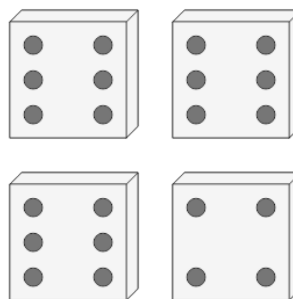
a	b	c
$\frac{1}{216}$	$\frac{3}{236}$	$\frac{2}{350}$
d	e	f
$\frac{2}{317}$	$\frac{2}{330}$	$\frac{1}{364}$

4 What is the chance of rolling the same number on all these dice?



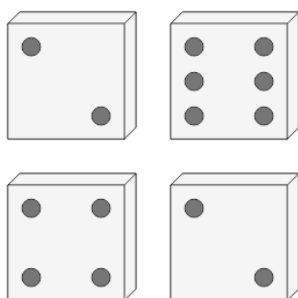
a	b	c
$\frac{3}{311}$	$\frac{1}{356}$	$\frac{2}{64}$
d	e	f
$\frac{1}{216}$	$\frac{1}{185}$	$\frac{2}{207}$

5 What is the chance of rolling the same number on all these dice?



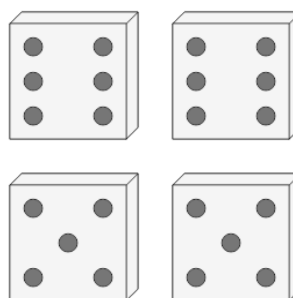
a	b	c
$\frac{1}{216}$	$\frac{3}{147}$	$\frac{3}{368}$
d	e	f
$\frac{3}{378}$	$\frac{2}{213}$	$\frac{2}{37}$

6 What is the chance of rolling the same number on all these dice?



a	b	c
$\frac{1}{153}$	$\frac{2}{144}$	$\frac{3}{418}$
d	e	f
$\frac{2}{302}$	$\frac{1}{223}$	$\frac{1}{216}$

7 What is the chance of rolling the same number on all these dice?



a	b	c
$\frac{1}{301}$	$\frac{2}{397}$	$\frac{1}{102}$
d	e	f
$\frac{1}{216}$	$\frac{2}{126}$	$\frac{2}{36}$