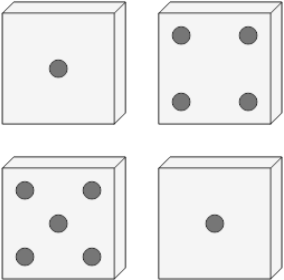




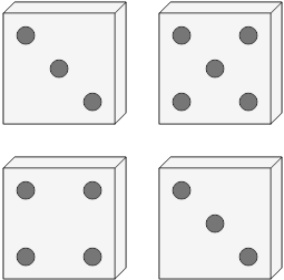
## Probability - Dice (4), All Same, To Fraction

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



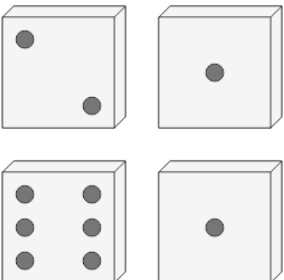
A	B	C
2	1	2
$\frac{2}{373}$	$\frac{1}{216}$	$\frac{2}{189}$
D	E	F
1	2	3
$\frac{1}{116}$	$\frac{2}{119}$	$\frac{3}{163}$

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



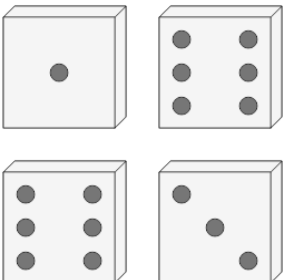
A	B	C
1	2	2
$\frac{1}{216}$	$\frac{2}{379}$	$\frac{2}{134}$
D	E	F
3	1	2
$\frac{3}{272}$	$\frac{1}{54}$	$\frac{2}{208}$

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



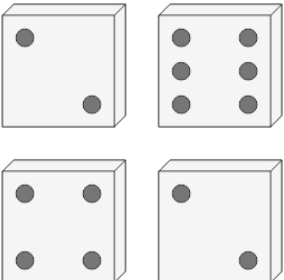
A	B	C
2	1	2
$\frac{2}{407}$	$\frac{1}{145}$	$\frac{2}{129}$
D	E	F
1	2	3
$\frac{1}{216}$	$\frac{2}{8}$	$\frac{3}{9}$

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



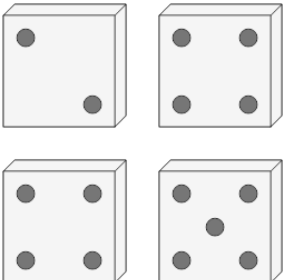
A	B	C
3	2	3
$\frac{3}{250}$	$\frac{2}{362}$	$\frac{3}{270}$
D	E	F
3	1	1
$\frac{3}{3}$	$\frac{1}{129}$	$\frac{1}{216}$

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



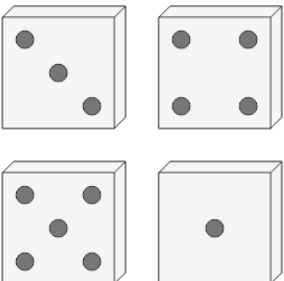
A	B	C
1	1	2
$\frac{1}{153}$	$\frac{1}{216}$	$\frac{2}{302}$
D	E	F
3	2	1
$\frac{3}{418}$	$\frac{2}{144}$	$\frac{1}{223}$

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



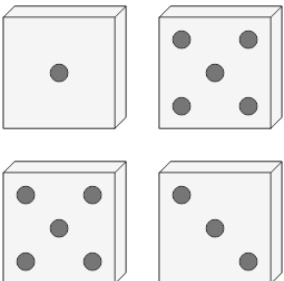
A	B	C
3	3	1
$\frac{3}{34}$	$\frac{3}{230}$	$\frac{1}{216}$
D	E	F
1	2	3
$\frac{1}{7}$	$\frac{2}{182}$	$\frac{3}{406}$

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



A	B	C
1	3	1
$\frac{1}{339}$	$\frac{3}{410}$	$\frac{1}{304}$
D	E	F
1	2	1
$\frac{1}{216}$	$\frac{2}{102}$	$\frac{1}{229}$

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



A	B	C
2	1	1
$\frac{2}{317}$	$\frac{1}{364}$	$\frac{1}{216}$
D	E	F
3	2	2
$\frac{3}{236}$	$\frac{2}{350}$	$\frac{2}{330}$