mobius
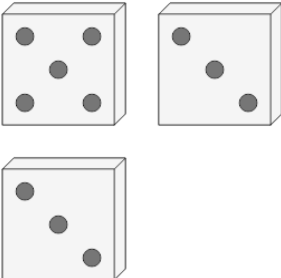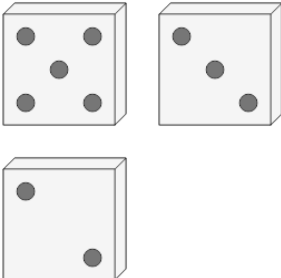
Probability - Dice (3), Not All Specific, To Fraction

1 What is the chance of NOT rolling all 2's on these dice?
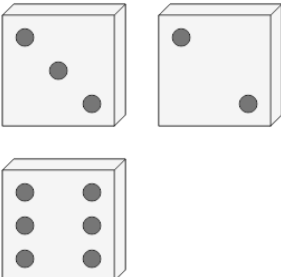
A	B	C
$\dfrac{14}{287}$	$\dfrac{403}{68}$	$\dfrac{357}{376}$

D	E	F
$\dfrac{215}{216}$	$\dfrac{259}{256}$	$\dfrac{254}{201}$

2 What is the chance of NOT rolling all 3's on these dice?

A	B	C
$\dfrac{360}{209}$	$\dfrac{144}{339}$	$\dfrac{346}{398}$
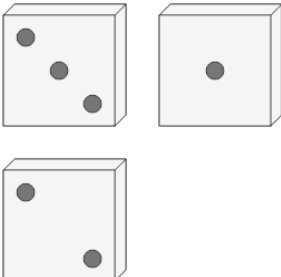
D	E	F
$\dfrac{215}{216}$	$\dfrac{302}{433}$	$\dfrac{164}{178}$

3 What is the chance of NOT rolling all 6's on these dice?

A	B	C
$\dfrac{127}{378}$	$\dfrac{215}{216}$	$\dfrac{395}{372}$
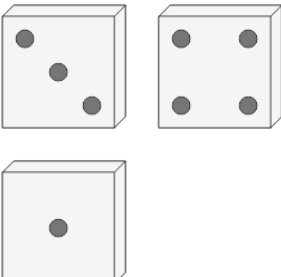
D	E	F
$\dfrac{283}{333}$	$\dfrac{177}{258}$	$\dfrac{394}{30}$

4 What is the chance of NOT rolling all 4's on these dice?

A	B	C
$\dfrac{179}{324}$	$\dfrac{257}{290}$	$\dfrac{377}{354}$
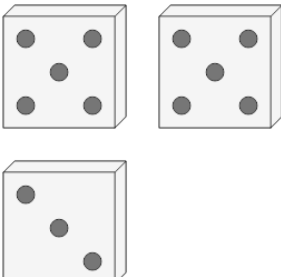
D	E	F
$\dfrac{215}{216}$	$\dfrac{235}{269}$	$\dfrac{1}{65}$

5 What is the chance of NOT rolling all 4's on these dice?

A	B	C
$\dfrac{215}{216}$	$\dfrac{418}{255}$	$\dfrac{186}{335}$
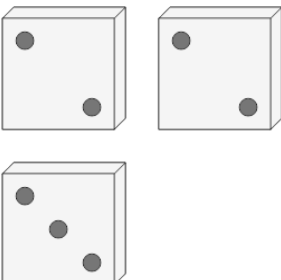
D	E	F
$\dfrac{15}{194}$	$\dfrac{365}{40}$	$\dfrac{417}{156}$

6 What is the chance of NOT rolling all 4's on these dice?

A	B	C
$\dfrac{53}{207}$	$\dfrac{158}{237}$	$\dfrac{39}{8}$
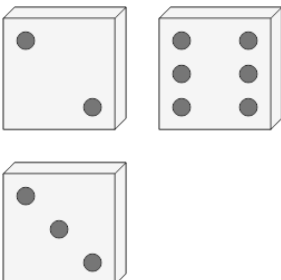
D	E	F
$\dfrac{401}{103}$	$\dfrac{33}{173}$	$\dfrac{215}{216}$

7 What is the chance of NOT rolling all 6's on these dice?

A	B	C
$\dfrac{396}{168}$	$\dfrac{427}{374}$	$\dfrac{215}{216}$

D	E	F
$\dfrac{108}{7}$	$\dfrac{315}{120}$	$\dfrac{81}{31}$

8 What is the chance of NOT rolling all 2's on these dice?

A	B	C
$\dfrac{413}{106}$	$\dfrac{44}{289}$	$\dfrac{244}{365}$

D	E	F
$\dfrac{317}{268}$	$\dfrac{215}{216}$	$\dfrac{171}{61}$