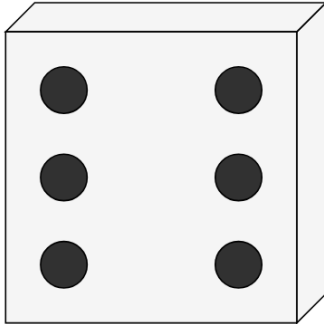


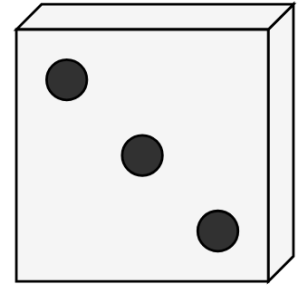
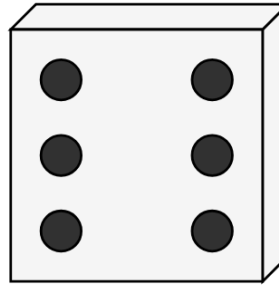
Find probabilities from dice

- 1** What is the chance of NOT rolling a 3 on this dice?



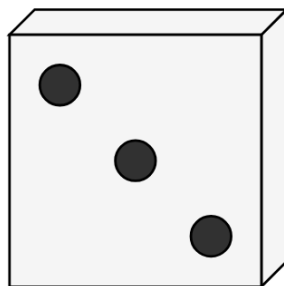
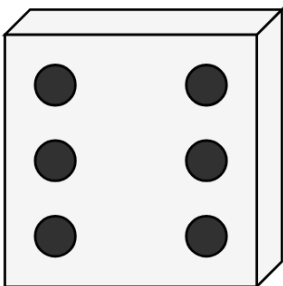
A	$\frac{9}{11}$	B	$\frac{5}{6}$
C	$\frac{11}{10}$	D	$\frac{5}{9}$
E	$\frac{11}{11}$	F	$\frac{3}{15}$

- 2** What is the equation for the chance of rolling 3's on both these dice?



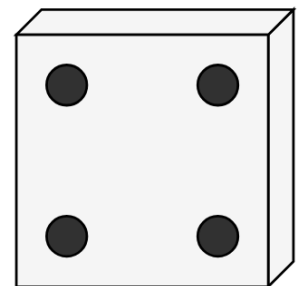
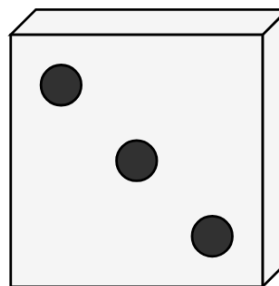
A	$1 - \frac{1}{6}$	B	$1 - \frac{1}{6} \cdot \frac{1}{6}$
C	$\frac{1}{6}$	D	$\frac{1}{6} \cdot \frac{1}{6}$

- 3** What is the equation for the chance of NOT rolling double 5's on these dice?

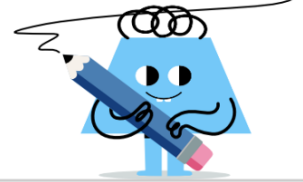


A	$1 - \frac{1}{6} \cdot \frac{1}{6}$	B	$\frac{1}{6} \cdot \frac{1}{6}$
C	$\frac{1}{6}$	D	$1 - \frac{1}{6}$

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

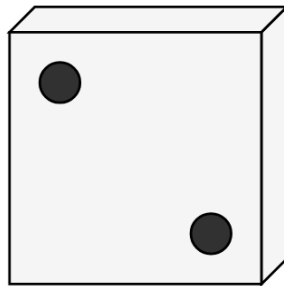
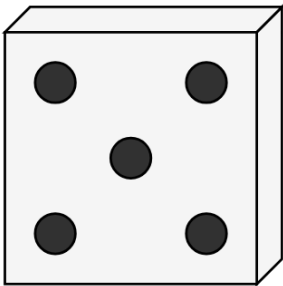


A	$1 - \frac{1}{6} \cdot \frac{1}{6}$	B	$1 - \frac{1}{6}$
C	$\frac{1}{6} \cdot \frac{1}{6}$	D	$\frac{1}{6}$



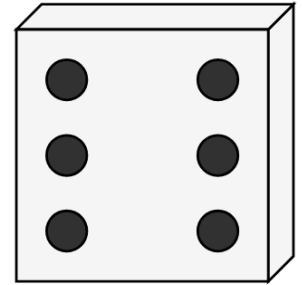
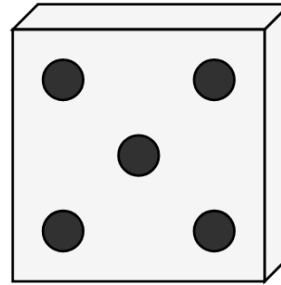
Find probabilities from dice

- 5 What is the equation for the chance of rolling a mixed set (not both the same number) on these dice?



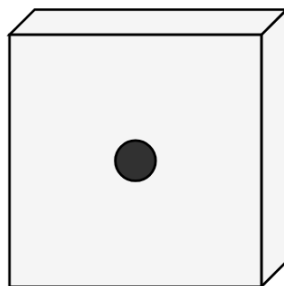
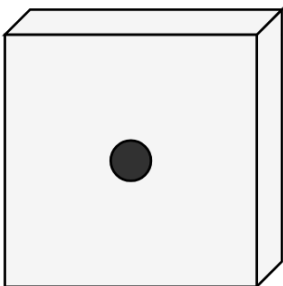
- | | |
|-----------------------------------|---------------------------------------|
| A $\frac{1}{6} \cdot \frac{1}{6}$ | B $1 - \frac{1}{6}$ |
| C $\frac{1}{6}$ | D $1 - \frac{1}{6} \cdot \frac{1}{6}$ |

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



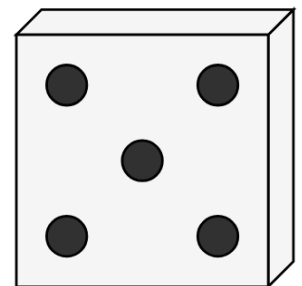
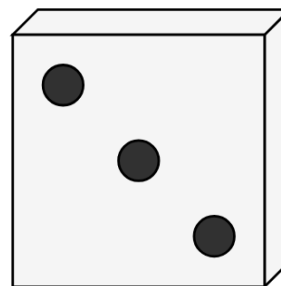
- | | |
|------------------|------------------|
| A $\frac{2}{10}$ | B $\frac{1}{5}$ |
| C $\frac{3}{3}$ | D $\frac{1}{6}$ |
| E $\frac{1}{10}$ | F $\frac{1}{13}$ |

- 7 What is the chance of rolling 6's on both these dice?

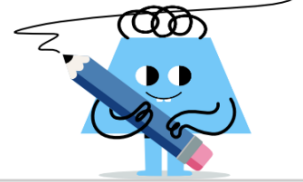


- | | |
|------------------|------------------|
| A $\frac{1}{36}$ | B $\frac{3}{6}$ |
| C $\frac{2}{49}$ | D $\frac{3}{65}$ |
| E $\frac{2}{41}$ | F $\frac{1}{71}$ |

- 8 What is the chance of rolling a mixed set (not both the same number) on these dice?



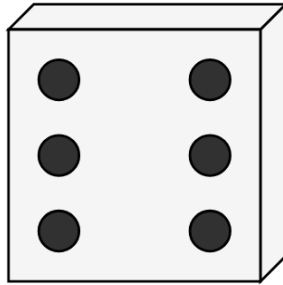
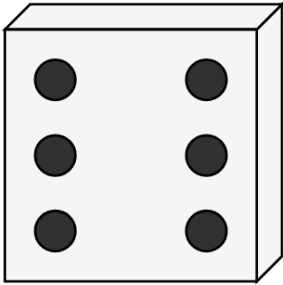
- | | |
|------------------|------------------|
| A $\frac{2}{3}$ | B $\frac{3}{9}$ |
| C $\frac{5}{6}$ | D $\frac{5}{12}$ |
| E $\frac{1}{10}$ | F $\frac{8}{13}$ |



Find probabilities from dice

9

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



A $\frac{62}{59}$

B $\frac{33}{5}$

C $\frac{38}{58}$

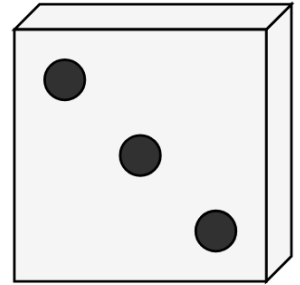
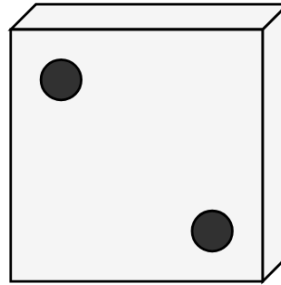
D $\frac{63}{33}$

E $\frac{35}{36}$

F $\frac{58}{34}$

10

What is the chance of rolling at least one 1 on these dice?



A $\frac{20}{44}$

B $\frac{23}{5}$

C $\frac{11}{36}$

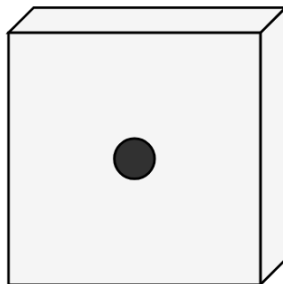
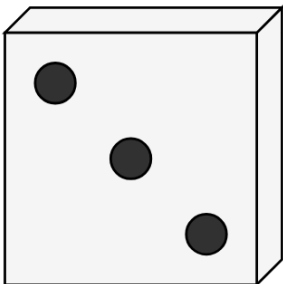
D $\frac{23}{51}$

E $\frac{2}{61}$

F $\frac{21}{60}$

11

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



A $\frac{3}{6}$

B $\frac{1}{6}$

C $\frac{3}{13}$

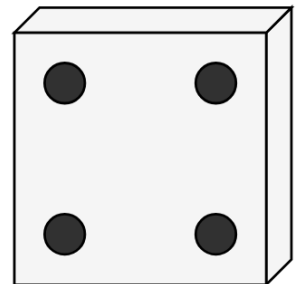
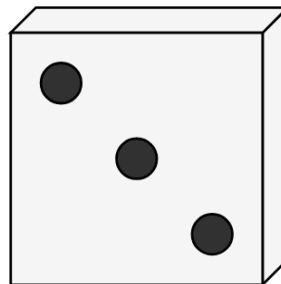
D $\frac{3}{4}$

E $\frac{2}{9}$

F $\frac{1}{14}$

12

What is the chance of rolling 4's on both these dice?



A $\frac{3}{26}$

B $\frac{1}{36}$

C $\frac{3}{14}$

D $\frac{3}{49}$

E $\frac{3}{37}$

F $\frac{3}{36}$