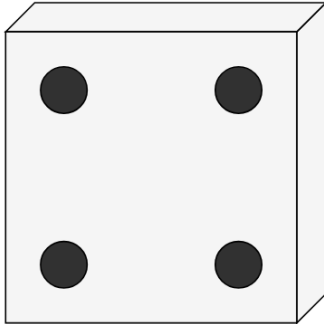




Find the probability of a complementary event

1

What is the equation for the chance of NOT rolling a 5 on this dice?



A

$$1 - \frac{1}{6}$$

B

$$\frac{1}{6} \cdot \frac{1}{6} \cdot \frac{1}{6} \cdot \frac{1}{6}$$

C

$$\frac{1}{6}$$

D

$$1 - \frac{1}{6} \cdot \frac{1}{6} \cdot \frac{1}{6}$$

2

What is the equation for the chance of flipping a mixed set (not both heads or both tails) on these coins?



A

$$\frac{1}{2} \cdot \frac{1}{2}$$

B

$$1 - \frac{1}{2}$$

C

$$1 - \frac{1}{2} \cdot \frac{1}{2}$$

3

What is the equation for the chance of NOT flipping both heads on these coins?



A

$$1 - 0.5$$

B

$$0.5$$

C

$$1 - 0.5 \cdot 0.5$$

D

$$0.5 \cdot 0.5$$

4

What is the equation for the chance of NOT flipping all heads on these coins?



A

$$1 - \frac{1}{2} \cdot \frac{1}{2}$$

B

$$\frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2}$$

C

$$\frac{1}{2} \cdot \frac{1}{2}$$

D

$$1 - \frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2}$$

5

What is the chance of NOT flipping both heads on these coins?



A 62.5%

B 36.4%

C 100%

D 60%

E 11.1%

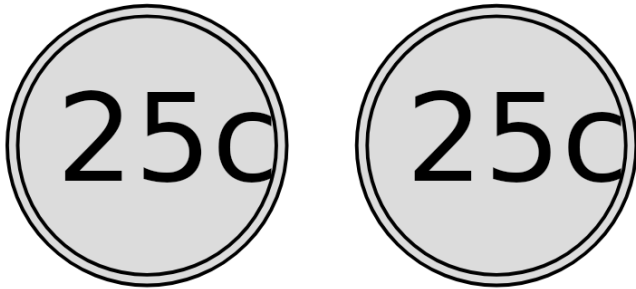
F 75%



Find the probability of a complementary event

6

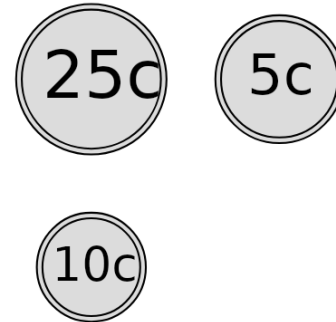
What is the chance of NOT flipping both tails on these coins?



A	$\frac{3}{3}$	B	$\frac{3}{4}$
C	$\frac{6}{9}$	D	$\frac{1}{9}$
E	$\frac{3}{9}$	F	$\frac{7}{5}$

7

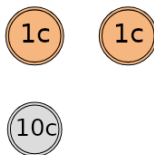
What is the chance of NOT flipping all tails on these coins?



A	$\frac{3}{15}$	B	$\frac{6}{9}$
C	$\frac{7}{8}$	D	$\frac{12}{19}$
E	$\frac{7}{4}$	F	$\frac{2}{14}$

8

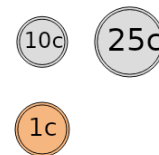
What is the chance of NOT flipping all heads on these coins?



A 25%	B 46.2%	C 87.5%
D 15.4%	E 160%	F 31.3%

9

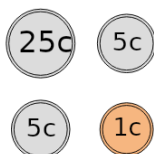
What is the chance of NOT flipping all tails on these coins?



A 3.333	B 0.231	C 0.8
D 0.875	E 2.5	F 4

10

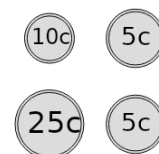
What is the chance of NOT flipping all tails on these coins?



A 0.938	B 3	C 0.385
D 1.5	E 2.5	F 0.947

11

What is the chance of NOT flipping all heads on these coins?



A 93.8%	B 6.3%	C 105.6%
D 207.1%	E 54.5%	F 116.7%