



#1

As a punishment for hitting her brother, Angela must let him choose one of her toys at random. If Angela has 15 toys, and only likes 6 of them, what is the probability her brother will choose a toy Angela likes? Simplify your answer and write it as a fraction or whole number.

$$P(\text{like}) = ?$$

$\frac{1}{5}$

$\frac{1}{2}$

$\frac{2}{5}$

$\frac{7}{8}$

Show your work

#2

On a cheese platter there are 14 slices of cheese. The host tells you that 7 of those slices are of your favorite cheese. Sadly all the cheese looks the same, and it will be up to chance. What is the probability you will choose a slice of your favorite cheese? Simplify your answer and write it as a fraction or whole number.

$$P(\text{favorite cheese}) = ?$$

$\frac{1}{8}$

$\frac{1}{2}$

$\frac{8}{9}$

$\frac{3}{4}$

Show your work

#3

Kevin has a container of 11 marbles, 8 of which are silver. If Kevin shakes the bag until one marble randomly falls out, what is the probability that marble will be silver? Simplify your answer and write it as a fraction or whole number.

$$P(\text{silver}) = ?$$

$\frac{4}{7}$

$\frac{8}{9}$

$\frac{4}{9}$

$\frac{8}{11}$

Show your work



#4

In a statistics class there are 2 students, 2 of them are repeating the class. If you were to randomly sit beside someone, what is the probability they are repeating the class?

$$P(\text{repeating}) = ?$$

 11 12 13 1

Show your work

#5

Of 19 shirts, 6 of them are black. If Dahlia randomly chooses a shirt, what is the probability that it will be black? Simplify your answer and write it as a fraction or whole number.

$$P(\text{black}) = \boxed{}$$

Show your work

#6

In a fruit drawer of 19 fruits, only 5 are plums. Mason wants a plum. What is the probability he will pick a plum if it is done randomly? Simplify your answer and write it as a fraction or whole number.

$$P(\text{plum}) = \boxed{}$$

Show your work



#7

On a cheese platter there are 10 slices of cheese. The host tells you that 10 of those slices are of your favorite cheese. Sadly all the cheese looks the same, and it will be up to chance. What is the probability you will choose a slice of your favorite cheese? Simplify your answer and write it as a fraction or whole number.

$$P(\text{favorite cheese}) = \boxed{}$$

Show your work

#8

In a statistics class there are 13 students, 1 of them are repeating the class. If you were to randomly sit beside someone, what is the probability they are repeating the class?

$$P(\text{repeating}) = \boxed{}$$

Show your work

#9

In a fruit drawer of 18 fruits, only 3 are plums. Jackson wants a plum. What is the probability he will pick a plum if it is done randomly? Simplify your answer and write it as a fraction or whole number.

$$P(\text{plum}) = ?$$

$\frac{5}{6}$

$\frac{1}{6}$

$\frac{6}{7}$

$\frac{7}{10}$

Show your work



#10

In a fruit drawer of 12 fruits, only 4 are plums. Makayla wants a plum. What is the probability she will pick a plum if it is done randomly? Simplify your answer and write it as a fraction or whole number.

$$P(\text{plum}) = \boxed{}$$

Show your work

#11

In a statistics class there are 9 students, 6 of them are repeating the class. If you were to randomly sit beside someone, what is the probability they are repeating the class?

$$P(\text{repeating}) = \boxed{}$$

Show your work

#12

It is jacket seasons and you're thrilled to have another layering choice. Out of your 9 jackets 5 of them are stuffed with goose feathers. If you randomly choose a jacket to wear, what is the probability it will be stuffed with goose feathers? Simplify your answer and write it as a fraction or whole number.

$$P(\text{goose}) = \boxed{}$$

Show your work

Question	Answer
#1	$2/5$
#2	$1/2$
#3	$8/11$
#4	1
#5	$6/19$
#6	$5/19$
#7	1
#8	$1/13$
#9	$1/6$
#10	$1/3$
#11	$2/3$
#12	$5/9$