#1

In a fruit drawer of 10 fruits, only 10 are plums. Kaylee 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.

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

Show your work

#2

Matilda has a container of 15 marbles, 6 of which are silver. If Matilda 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.

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

- ○ $\frac{1}{3}$
- ○ $\frac{3}{4}$
- ○ $\frac{2}{3}$
- ○ $\frac{2}{5}$

Show your work

#3

You want to rock a pair of your sweet kicks. Out of 14 pairs of shoes, 9 are high-tops. If you randomly choose a pair, what is the probability they will be high-tops? Simplify your answer and write it as a fraction or whole number.

$P(\text{high}-\text{tops}) = \square$

Show your work

#4

Matthew has a family of 19 people. 4 of them are female. If Matthew was to randomly choose one with their eyes closed, what probability will it be that the chosen person is female? Simplify your answer and write it as a fraction or whole number.

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

- ○ $\frac{4}{5}$
- ○ $\frac{7}{10}$
- ○ $\frac{1}{3}$
- ○ $\frac{4}{19}$

Show your work

#5

In a fruit drawer of 8 fruits, only 2 are plums. Olivia 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.

$P(\text{plum}) =$ ☐

Show your work

#6

Evan has a container of 12 marbles, 2 of which are silver. If Evan 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.

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

- ○ $\frac{1}{8}$
- ○ $\frac{7}{10}$
- ○ $\frac{1}{6}$
- ○ $\frac{5}{7}$

Show your work

#7

In a fruit drawer of 14 fruits, only 8 are plums. Ashley 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.

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

- ○ $\frac{4}{7}$
- ○ $\frac{9}{10}$
- ○ $\frac{2}{5}$
- ○ $\frac{3}{7}$

Show your work

#8

It is jacket seasons and you're thrilled to have another layering choice. Out of your 13 jackets 1 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.

$P(\text{goose}) =$ ☐

Show your work

#9

On a cheese platter there are 13 slices of cheese. The host tells you that 4 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.

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

- ○ $\frac{3}{10}$
- ○ $\frac{5}{8}$
- ○ $\frac{4}{7}$
- ○ $\frac{4}{13}$

Show your work

#10

It is jacket seasons and you're thrilled to have another layering choice. Out of your 20 jackets 7 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.

$P(\text{goose}) =$ ☐

Show your work

#11

In a statistics class there are 9 students, 5 of them are repeating the class. If you were to randomly sit beside someone, what is the probability they are repeating the class?

$P(\text{repeating}) =$ ☐

Show your work

#12

On a cheese platter there are 10 slices of cheese. The host tells you that 1 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.

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

- ○ $\frac{8}{9}$
- ○ $\frac{1}{5}$
- ○ $\frac{1}{10}$
- ○ $\frac{1}{7}$

Show your work

Question	Answer
#1	1
#2	2/5
#3	9/14
#4	4/19
#5	1/4
#6	1/6
#7	4/7
#8	1/13
#9	4/13
#10	7/20
#11	5/9
#12	1/10