#1

Choose the best answer

Lily makes a salad dressing with oil and vinegar. If there is $\frac{15}{17}$ of a cup of salad dressing and Lily used $\frac{12}{14}$ of a cup of oil to make the dressing, how much vinegar did Lily use in the dressing?

- ○ $\frac{3}{119}$
- ○ $\frac{9}{13}$
- ○ $\frac{12}{17}$
- ○ $\frac{2}{23}$

Show your work

#2

After a birthday party, Kaitlyn has $\frac{10}{14}$ of a leftover pizza in her fridge. After she eats leftover pizza for lunch, there is $\frac{5}{14}$ of a pizza remaining. How much pizza did Kaitlyn eat for lunch?

[ ] of a pizza

Show your work

#3

Choose the best answer

For track and field day, Ella runs two races. The first race is $\frac{10}{20}$ miles long and the second race is $\frac{5}{20}$ miles long. After running both races, what fraction of a mile did Ella run?

- ○ $\frac{3}{4}$
- ○ $\frac{2}{5}$
- ○ $\frac{1}{10}$
- ○ $\frac{6}{7}$

Show your work

#4

Anna inflates her bicycle tires until they are $\frac{6}{20}$ full of air. After riding her bike for an hour, Anna discovers a hole in her tire and that the tire is only $\frac{3}{20}$ full of air. What fraction of the total volume of the tire was lost through the leak?

Show your work

#5

Choose the best answer

A gardener wants to trim a hedge that is $\frac{16}{18}$ stories tall. After the hedge is trimmed, it is $\frac{4}{20}$ stories tall. How much hedge did the gardener trim?

- ○ $\frac{2}{9}$
- ○ $\frac{3}{8}$
- ○ $\frac{9}{11}$
- ○ $\frac{31}{45}$

Show your work

#6

At harvest time, Madeline picks a basket of apples from the tree in her back yard. After throwing out the bad apples, there is $\frac{5}{16}$ of a basket of good apples she can use to make pies. After baking pies with the apples, there is $\frac{1}{16}$ a basket of apples remaining? What fraction of the basket of apples did Madeline use to make pies?

Show your work

#7

An ice cream shop sells vanilla, chocolate, and stawberry milkshakes. $\frac{16}{20}$ of the milkshakes sold are vanilla and $\frac{2}{20}$ of the milkshakes sold are chocolate. What fraction of the milkshakes sold are chocolate or vanilla?

Show your work

#8

After a birthday party, Samantha has $\frac{16}{20}$ of a leftover pizza in her fridge. After she eats leftover pizza for lunch, there is $\frac{9}{20}$ of a pizza remaining. How much pizza did Samantha eat for lunch?

of a pizza

Show your work

#9

Choose the best answer

$\frac{10}{18}$ of Hannah's friends are still in town after some of her friends leave for summer vacation. If $\frac{1}{12}$ of her friends then go to camp, what fraction of her original group of friends stay in the city?

- ○ $\frac{3}{5}$
- ○ $\frac{8}{9}$
- ○ $\frac{1}{2}$
- ○ $\frac{17}{36}$

Show your work

#10

Kayla brings $\frac{12}{20}$ of a container of orange slices for her soccer team to eat at half time. After the game the container is $\frac{13}{14}$ full of orange slices. What fraction of a container of oranges did the team eat at half time?

[ ] of a container

Show your work

#11

Before leaving for work in the morning, Austin's phone is $\frac{11}{17}$ charged. After work, his phone is $\frac{6}{17}$ charged. What fraction of his phone's battery did Austin use at work that day?

[ ]

Show your work

#12

Choose the best answer

Matilda began her pizza delivery route with $\frac{11}{13}$ of a tank of gas in her car. When she made it back to the pizzeria, $\frac{14}{18}$ of a tank of gas was left. How much gas did Matilda use?

- ○ $\frac{8}{19}$
- ○ $\frac{13}{19}$
- ○ $\frac{8}{117}$
- ○ $\frac{3}{34}$

Show your work

Question	Answer
#1	3/119
#2	5/14
#3	3/4
#4	3/20
#5	31/45
#6	1/4
#7	9/10
#8	7/20
#9	17/36
#10	-23/70
#11	5/17
#12	8/117