

#1

## Choose the best answer

Elizabeth buys popcorn at the movie theater. By the time the movie starts, she has  $\frac{2}{4}$  of a bag of popcorn remaining.

When the movie finishes, Elizabeth's bag of popcorn is  $\frac{3}{7}$  full. How much popcorn did Elizabeth eat during the movie?

$\frac{1}{10}$

$\frac{1}{6}$

$\frac{1}{14}$

$\frac{7}{9}$

Show your work

#2

Diana is drawing a picture on the sidewalk using chalk. She uses  $\frac{7}{8}$  of a piece of red chalk,  $\frac{1}{4}$  of a piece of green chalk, and  $\frac{3}{7}$  of a piece of blue chalk. How many pieces of chalk does Diana use to create the chalk drawing?

Show your work

#3

Tyler decides to travel to South America for a vacation. If Tyler spends  $\frac{2}{3}$  months in Chile and  $\frac{5}{6}$  months in Brazil before returning home, how many months did Tyler spend in South America?

 months

Show your work

#4

After a birthday party, Tyler has  $\frac{1}{3}$  of a leftover pizza in his fridge. After he eats leftover pizza for lunch, there is  $\frac{2}{8}$  of a pizza remaining. How much pizza did Tyler eat for lunch?

of a pizza

Show your work

#5

### Choose the best answer

A bakery makes three types of bagels: plain, poppy seed, and sesame seed.  $\frac{3}{4}$  of the bagels are plain and  $\frac{6}{7}$  of the bagels are poppy seed. What fraction of the bagels are plain or poppy seed?

- $1\frac{1}{9}$
- $1\frac{1}{5}$
- $1\frac{3}{10}$
- $1\frac{17}{28}$

Show your work

#6

An ice cream shop sells vanilla, chocolate, and stawberry milkshakes.  $\frac{5}{8}$  of the milkshakes sold are vanilla and  $\frac{1}{8}$  of the milkshakes sold are chocolate. What fraction of the milkshakes sold are chocolate or vanilla?

Show your work

#7

## Choose the best answer

$\frac{2}{5}$  of a farmer's chickens are left in the coop after a number of chickens escape through a hole in the gate. After a storm opens the door of the coop, more chickens escape and only  $\frac{1}{5}$  remain. What fraction of the chickens escaped the coop through the door?

$\frac{3}{10}$

$\frac{2}{9}$

$\frac{7}{9}$

$\frac{1}{5}$

Show your work

#8

In Elizabeth's backyard there is a sundial that she uses to tell the time. Elizabeth sits down to read a book. After reading, she notes that the shadow on the sundial has moved  $\frac{3}{8}$  of a rotation around the dial. After doing some yard work, she notices that the shadow has moved another  $\frac{3}{8}$  of a rotation. What fraction of a rotation has the sundial shadow moved in total?

rotations

Show your work

#9

A football team has  $\frac{3}{7}$  yards to move the ball before the end zone. On their next play they move the ball forward and only need  $\frac{1}{7}$  yards before the end zone. How far did the team move the ball on the last play?

yards

Show your work

#10

## Choose the best answer

Samantha drinks  $\frac{4}{7}$  of her cup of coffee on her way into work in the morning. After she arrives at work, Samantha drinks another  $\frac{2}{7}$  of her coffee. What total fraction of her coffee has Samantha consumed?

$\frac{3}{8}$

$\frac{6}{7}$

$\frac{2}{9}$

$\frac{1}{7}$

Show your work

#11

## Choose the best answer

Two runners start a 15 kilometer race at the same time. It takes the first runner  $2\frac{1}{2}$  of an hour to complete the race, while it only takes the second runner  $1\frac{1}{3}$  of an hour to finish the race. How much longer did it take the first runner to finish the race?

$1\frac{7}{10}$

$1\frac{8}{9}$

$1\frac{1}{6}$

$1\frac{5}{8}$

Show your work

#12

## Choose the best answer

Of the shirts in Emily's closet,  $\frac{5}{7}$  are teal and another  $\frac{3}{4}$  are red. What fraction of the shirts are either teal or red?

$1\frac{5}{7}$

$1\frac{1}{4}$

$1\frac{1}{7}$

$1\frac{13}{28}$

Show your work

| Question | Answer            |
|----------|-------------------|
| #1       | $1/14$            |
| #2       | $1 \frac{31}{56}$ |
| #3       | $1 \frac{1}{2}$   |
| #4       | $1/12$            |
| #5       | $1 \frac{17}{28}$ |
| #6       | $3/4$             |
| #7       | $1/5$             |
| #8       | $3/4$             |
| #9       | $2/7$             |
| #10      | $6/7$             |
| #11      | $1 \frac{1}{6}$   |
| #12      | $1 \frac{13}{28}$ |