#1

Choose the best answer

A gardener plants tulips in the spring. Only $\frac{2}{3}$ of the tulip bulbs originally planted grow. Of the tulips that grow, $\frac{3}{4}$ of them are pink. What fraction of the original tulip bulbs produced pink flowers? (Simplify your answer and write it as a proper fraction or a mixed number.)

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

Show your work

#2

At the Pike Zoo, $\frac{1}{2}$ of the animals are primates. Of the primates, $\frac{3}{4}$ are monkeys. What fraction of the animals at the Pike Zoo are monkeys? (Simplify your answer and write it as a proper fraction or a mixed number.)

Show your work

#3

Choose the best answer

In Zachary's class $\frac{3}{4}$ of the students play a musical instrument. Of these students $\frac{1}{3}$ play piano. What fraction of the students in Zachary's class play piano? (Simplify your answer and write it as a proper fraction or a mixed number.)

- ○ $\frac{1}{4}$
- ○ $\frac{5}{9}$
- ○ $\frac{1}{7}$
- ○ $\frac{5}{8}$

Show your work

#4

A gardener plants tulips in the spring. Only $\frac{2}{4}$ of the tulip bulbs originally planted grow. Of the tulips that grow, $\frac{2}{3}$ of them are pink. What fraction of the original tulip bulbs produced pink flowers? (Simplify your answer and write it as a proper fraction or a mixed number.)

Show your work

#5

A farmer checks her bags of corn at the end of a long winter. $\frac{3}{4}$ of the bags of corn have not been damaged by frost. Of these bags of corn, $\frac{3}{4}$ of the bags have not been eaten by mice. What fraction of the bags of corn have not been damaged by frost or mice? (Simplify your answer and write it as a proper fraction or a mixed number.)

Show your work

#6

Lily is throwing a pizza party. $\frac{1}{2}$ of the pizzas she ordered have meat on them and $\frac{3}{4}$ of the meat pizzas are pepperoni pizzas. What fraction of the pizzas are pepperoni? (Simplify your answer and write it as a proper fraction or a mixed number.)
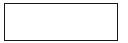
Show your work

#7

Choose the best answer

Jacob is looking for a new car but he wants to find the right size and color. Of the cars he looks at, $\frac{1}{4}$ of the cars are medium sized. $\frac{3}{4}$ of the medium sized cars are red. If Jacob wants a medium sized red car, what fraction of the original cars is he interested in buying? (Simplify your answer and write it as a proper fraction or a mixed number.)

○ $\frac{7}{9}$ ○ $\frac{3}{16}$

○ $\frac{3}{7}$ ○ $\frac{5}{7}$

Show your work

#8

A bag of apples at the farmers market contains $\frac{3}{4}$ green apples. Of those green apples, $\frac{3}{4}$ have gone bad. What fraction of the bag of apples are bad green apples? (Simplify your answer and write it as a proper fraction or a mixed number.)

Show your work

#9

Choose the best answer

Jacob is looking for a new car but he wants to find the right size and color. Of the cars he looks at, $\frac{1}{4}$ of the cars are medium sized. $\frac{3}{4}$ of the medium sized cars are red. If Jacob wants a medium sized red car, what fraction of the original cars is he interested in buying? (Simplify your answer and write it as a proper fraction or a mixed number.)

○ $\frac{7}{9}$ ○ $\frac{3}{16}$

○ $\frac{3}{7}$ ○ $\frac{5}{7}$

Show your work

#10

Choose the best answer

Mackenzie asks her friends about their favorite sports. $\frac{1}{4}$ of her friends like sports and $\frac{3}{4}$ of the those friends say that soccer is their favorite sport. What fraction of Mackenzie's friends like sports and say that soccer is their favorite sport? (Simplify your answer and write it as a proper fraction or a mixed number.)

○ $\frac{1}{2}$ ○ $\frac{3}{16}$

○ $\frac{3}{7}$ ○ $\frac{5}{9}$

Show your work

#11

Choose the best answer

In Emma's class $\frac{3}{4}$ of the students play a musical instrument. Of these students $\frac{3}{4}$ play piano. What fraction of the students in Emma's class play piano? (Simplify your answer and write it as a proper fraction or a mixed number.)

○ $\frac{3}{10}$ ○ $\frac{9}{16}$

○ $\frac{1}{6}$ ○ $\frac{2}{7}$

Show your work

#12

Choose the best answer

At the movie theatre, Makayla and her friends are trying to decide what movie to go to. They want to see a comedy and dicover that $\frac{3}{4}$ of the movies showing are comedies. After discussing as a group, they decide that they are willing to watch $\frac{1}{2}$ of the comedies. What fraction of movies at the theatre are comedies that Makayla and her friends want to watch? (Simplify your answer and write it as a proper fraction or a mixed number.)

○ $\frac{2}{3}$ ○ $\frac{3}{8}$

○ $\frac{7}{8}$ ○ $\frac{4}{9}$

Show your work

Math Games

Question	Answer
#1	1/2
#2	3/8
#3	1/4
#4	1/3
#5	9/16
#6	3/8
#7	3/16
#8	9/16
#9	3/16
#10	3/16
#11	9/16
#12	3/8