

#1

Choose the best answer

In Gavin's class $\frac{3}{4}$ of the students play a musical instrument.

Of these students $\frac{2}{3}$ play piano. What fraction of the students in Gavin's class play piano? (Simplify your answer and write it as a proper fraction or a mixed number.)

$\frac{2}{3}$

$\frac{1}{7}$

$\frac{4}{7}$

$\frac{1}{2}$

Show your work

#2

Choose the best answer

A bag of apples at the farmers market contains $\frac{2}{3}$ green apples. Of those green apples, $\frac{2}{4}$ 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.)

$\frac{7}{8}$

$\frac{1}{3}$

$\frac{1}{9}$

$\frac{8}{9}$

Show your work

#3

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

#4

Choose the best answer

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

$\frac{1}{12}$

$\frac{4}{5}$

$\frac{5}{9}$

$\frac{5}{6}$

Show your work

#5

Choose the best answer

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

$\frac{5}{6}$

$\frac{2}{7}$

$\frac{2}{3}$

$\frac{1}{4}$

Show your work

#6

Choose the best answer

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

$\frac{7}{9}$

$\frac{3}{8}$

$\frac{6}{7}$

$\frac{2}{5}$

Show your work

#7

At the Pike Zoo, $\frac{1}{4}$ of the animals are primates. Of the primates, $\frac{1}{4}$ 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

#8

Choose the best answer

A gardener plants tulips in the spring. Only $\frac{3}{4}$ 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.)

$\frac{7}{8}$

$\frac{2}{5}$

$\frac{1}{2}$

$\frac{1}{5}$

Show your work

#9

Choose the best answer

Mason asks his friends about their favorite sports. $\frac{3}{4}$ of his friends like sports and $\frac{3}{4}$ of the those friends say that soccer is their favorite sport. What fraction of Mason'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.)

$\frac{1}{4}$

$\frac{9}{16}$

$\frac{3}{4}$

$\frac{9}{10}$

Show your work

#10

Brianna is watering her pea plants. She notices that $\frac{2}{3}$ of the pea plants are tall and $\frac{3}{4}$ of the tall plants have white flowers. What fraction of Brianna's pea plants are tall with white flowers? (Simplify your answer and write it as a proper fraction or a mixed number.)

Show your work

#11

Choose the best answer

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

$\frac{5}{6}$

$\frac{2}{7}$

$\frac{2}{3}$

$\frac{1}{4}$

Show your work

#12

Choose the best answer

A farmer checks her bags of corn at the end of a long winter. $\frac{1}{2}$ of the bags of corn have not been damaged by frost. Of these bags of corn, $\frac{1}{2}$ 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.)

$\frac{1}{8}$

$\frac{5}{9}$

$\frac{1}{4}$

$\frac{7}{9}$

Show your work

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