

Skills

Add or subtract. Write in simplest form.

$$\begin{array}{r} 1. \quad 3\frac{2}{3} \\ - 2\frac{1}{3} \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 5\frac{1}{2} \\ + 4\frac{1}{3} \\ \hline \end{array}$$

$$5. \quad 3\frac{2}{3} - 1\frac{1}{2}$$

$$7. \quad 5\frac{1}{3} - 2\frac{1}{4}$$

9. While exercising Cody travelled $4\frac{2}{7}$ kilometers. If he walked $2\frac{3}{9}$ kilometers and jogged the rest, how many kilometers did he jog?

Application Sabrina bought 8 gallons of paint. After she painted her kitchen, she had $4\frac{1}{6}$ gallons left over. How much paint did Sabrina use in her kitchen?

March 23, 2015

1) Burger City opened twenty-five new restaurants this year. Each restaurant needed thirty-two employees. How many people did Burger City hire for the new restaurants?

For one-tenth of the new employees, this is their first job. How many of the new employees have worked at a job before Burger City?

2) There are eighteen soft drink machines in the college. They hold four hundred thirty-two cases of soda altogether. How many cases does each machine hold?

There are 24 cans in each case. How many total cans does each machine hold?

3) Sydney is sewing twenty-seven dresses. She needs seven hundred fifty-six buttons to complete them all. How many buttons does each dress get?

One-third of the dresses are red. How many dresses are not red?

4) Alan wants his giant chocolate chip cookies to have sixteen chips each. Today he is making three hundred four cookies. How many chips does he need?

Alan accidentally burned $\frac{1}{4}$ of the cookies. How many were not burnt?

Each bucket of ice cream at The Dairy King holds 24 cups of ice cream. Jerry uses a scoop that holds $\frac{1}{4}$ of a cup of ice cream. How many scoops of ice cream can Jerry get out of each bucket of ice cream?

Mario sold 374 boxes of cookies for a fundraiser. Each box contained 36 cookies. How many total cookies did Mario sell?

DeAnna had 45 yards of yarn to make 8 scarfs. She used the same amount of yarn for each scarf. How much yarn did DeAnna use for each scarf?

Each bucket of ice cream at The Dairy King holds 24 cups of ice cream. Jerry uses a scoop that holds $\frac{1}{4}$ of a cup of ice cream. How many scoops of ice cream can Jerry get out of each bucket of ice cream?

1. To stay healthy, Alina drinks $6\frac{1}{2}$ glasses of water a day. How much water does Alina drink in $3\frac{1}{2}$ days?

2. Cidney rode her bike for $2\frac{5}{6}$ hours at a rate of $1\frac{1}{3}$ miles per hour. How many miles did she travel?

3. Ethan read $4\frac{3}{4}$ books last summer. This summer he plans to read $1\frac{3}{8}$ times as many books. How many books will Ethan read this summer?

4. Arjun worked on his history homework for $2\frac{2}{3}$ hours last night. He plans to work on his history homework $1\frac{1}{10}$ times as long tonight. How long will he work on his homework tonight?

5. Mr. Ray planted corn on $2\frac{1}{4}$ acres of his farm. He planted wheat on $1\frac{1}{2}$ times as many acres. How many acres of wheat did he plant?

Patrick feeds his goldfish $\frac{1}{4}$ tablespoon of fish food each day. There are 8 tablespoons of fish food in the packet. How many days will the packet of fish food last?

Kayla is installing an electric fence around her rectangular property for her dog, Bubba.

- The length of her property is $8\frac{1}{6}$ yards.
- The width of her property is $6\frac{3}{4}$ yards.

How many yards of fencing will Kayla need?

A farmer plowed $9\frac{1}{10}$ acres in the morning and $3\frac{7}{10}$ acres in the afternoon. How many more acres did the farmer plow in the morning than in the afternoon?

A. $6\frac{6}{10}$

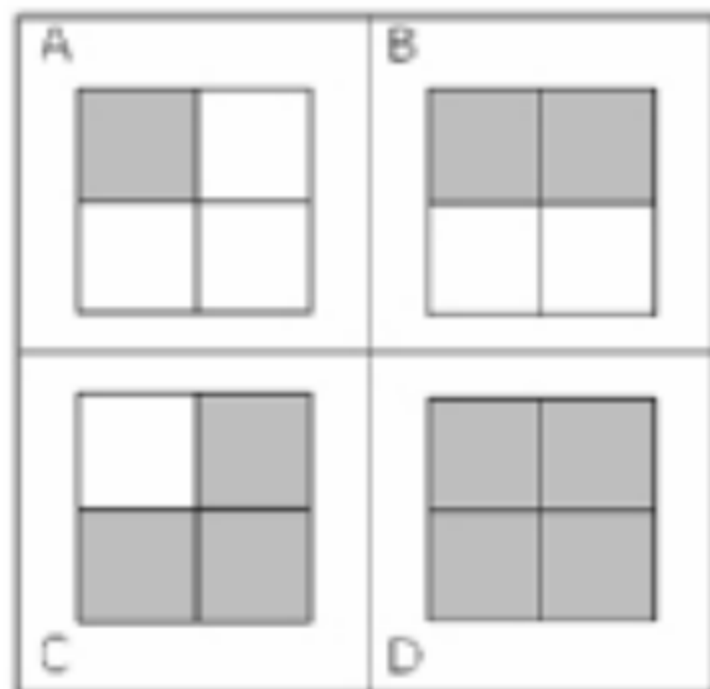
B. $6\frac{4}{10}$

C. $5\frac{3}{5}$

D. $5\frac{2}{5}$

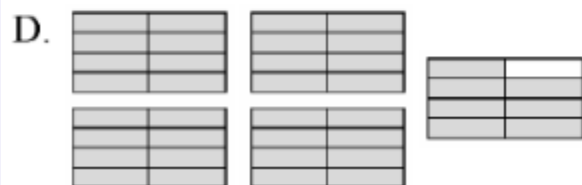
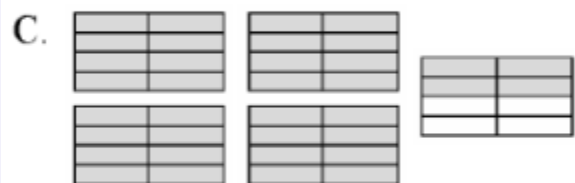
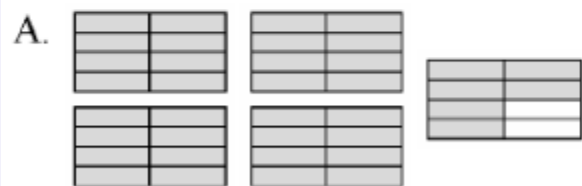
Tia decides to complete $\frac{1}{4}$ of her homework now, and $\frac{1}{2}$ after dinner.

If she is saving the rest to do before the bus comes, which picture is shaded to show how much homework she has left to do?



Careful - It's tricky...

Jay bought 6 candy bars. His brother broke off a few pieces. Which picture shows that Jay had $4\frac{6}{8}$ of a candy bar left?



★ Sean, Mike, and Andy decided to ★ combine their coin collection. Sean contributed $\frac{1}{2}$ of the coins. Mike contributed $\frac{1}{5}$ of the coins, and Andy contributed 15 coins. How many coins were there in all?

A. 30

B. 40

C. 50

D. 60

Alan was making two different types of cookies. One recipe needed $\frac{2}{5}$ cup of sugar and the other needed $\frac{1}{3}$ cup of sugar. How much sugar did he need to make both recipes?

- A. $\frac{3}{8}$
- B. $\frac{3}{10}$
- C. $\frac{11}{15}$
- D. $\frac{2}{15}$

During gym class Juan jumped $2\frac{1}{6}$ feet, and Bob jumped $3\frac{5}{12}$ feet. How much further did Bob jump than Juan?

- A. $1\frac{1}{4}$ feet
- B. $\frac{17}{12}$ feet
- C. $\frac{15}{6}$ feet
- D. 2 feet

The laces in Josh's ice hockey skates are each $17\frac{5}{8}$ inches long. About what is the length of both laces? (total length)

- A. 17 inches
- B. 34 inches
- C. 36 inches
- D. 39 inches

Cassandra's teacher wrote these 5 fractions on the board and asked her to find the sum.

$\frac{1}{6}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{2}{3}$
---------------	---------------	---------------	---------------	---------------

Which answer did Cassandra have if she solved the problem *correctly*?

- A. $1\frac{11}{24}$
- B. $2\frac{11}{24}$
- C. $2\frac{13}{24}$
- D. $2\frac{15}{24}$