



#1

If you mix the flour and sugar together, how many cups will there be in all? Express answers as a simplified fraction.

Apple Pie

Ingredients	
flour	2 $\frac{2}{3}$ cups
cocoa powder	$\frac{2}{3}$ of a cup
salted butter	$\frac{3}{4}$ of a cup
eggs	2 $\frac{1}{2}$ cups
sugar	$\frac{1}{2}$ of a cup

- 3  $\frac{1}{6}$  cups                       3  $\frac{1}{8}$  cups  
 3  $\frac{1}{2}$  cups                       3  $\frac{7}{8}$  cups

Show your work

#2

How many less cups of flour than sugar are needed? Express answers as a simplified fraction.

Apple Pie

Ingredients	
cocoa powder	3 cups
flour	$\frac{3}{4}$ of a cup
salted butter	4 cups
sugar	3 $\frac{1}{3}$ cups
eggs	$\frac{1}{2}$ of a cup

cups

Show your work

#3

How many less cups of pearl tapioca than white sugar are needed? Express answers as a simplified fraction.

Tapioca Pudding

Ingredients	
pearl tapioca	$\frac{1}{3}$ of a cup
vanilla extract	2 teaspoons
eggs	1 $\frac{1}{3}$ cups
whole milk	3 $\frac{1}{2}$ gallons
white sugar	3 $\frac{1}{2}$ cups

- 3  $\frac{5}{8}$  cups                       3  $\frac{3}{4}$  cups  
 3  $\frac{4}{9}$  cups                       3  $\frac{1}{6}$  cups

Show your work



#4

How many more cups of brown sugar than butter are needed? Express answers as a simplified fraction.

Brown Sugar Pecan Brittle

Ingredients	
crushed pecans	4 cups
butter	2 $\frac{1}{4}$ cups
vanilla extract	1 $\frac{1}{4}$ tablespoons
ground cinnamon	3 $\frac{1}{3}$ teaspoons
brown sugar	5 $\frac{1}{2}$ cups

- 3  $\frac{1}{4}$  cups                       3  $\frac{3}{5}$  cups  
 3  $\frac{1}{3}$  cups                         3  $\frac{2}{3}$  cups

Show your work

#5

How many more cups of flour than sugar are needed? Express answers as a simplified fraction.

Apple Pie

Ingredients	
eggs	1 $\frac{1}{2}$ cups
flour	2 cups
salted butter	1 $\frac{1}{2}$ cups
cocoa powder	2 cups
sugar	1 $\frac{3}{4}$ cups

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

Show your work

#6

How many less cups of flour than sugar are needed? Express answers as a simplified fraction.

Apple Pie

Ingredients	
cocoa powder	1/3 of a cup
flour	1 $\frac{3}{4}$ cups
salted butter	2 cups
sugar	2 $\frac{3}{4}$ cups
eggs	4 cups

cups

Show your work



#7

If you mix the butter and brown sugar together, how many cups will there be in all? Express answers as a simplified fraction.

Chocolate Chip Cookies

Ingredients	
flour	2 cups
chocolate chips	5 1/2 cups
butter	2 2/3 cups
large egg	1 1/2 cups
brown sugar	3 cups

- 5  $\frac{2}{9}$  cups                       5  $\frac{4}{7}$  cups  
 5  $\frac{2}{3}$  cups                         5  $\frac{7}{8}$  cups

Show your work

#8

If you mix the pearl tapioca and white sugar together, how many cups will there be in all? Express answers as a simplified fraction.

Tapioca Pudding

Ingredients	
whole milk	3/4 of a gallon
white sugar	3 2/3 cups
vanilla extract	4 teaspoons
pearl tapioca	2 1/2 cups
eggs	1 2/3 cups

- 6  $\frac{3}{7}$  cups                         6  $\frac{1}{8}$  cups  
 6  $\frac{1}{6}$  cups                         6  $\frac{7}{10}$  cups

Show your work

#9

How many more cups of large egg whites than confectioners' sugar are needed? Express answers as a simplified fraction.

Macarons

Ingredients	
superfine (castor) sugar	2 cups
almond flour	3/4 of a cup
confectioners' sugar	1 cup
salt	3 teaspoons
large egg whites	1 1/2 cups

- $\frac{3}{5}$  cups                          $\frac{1}{6}$  cups  
  $\frac{1}{2}$  cups                          $\frac{5}{7}$  cups

Show your work



#10

How many less teaspoons of vanilla extract than heavy cream are needed? Express answers as a simplified fraction.

Caramel Chocolate Fudge

Ingredients	
milk chocolate chips	1 1/2 cups
vanilla extract	1/3 of a teaspoon
sweetened condensed milk	4 ounces
heavy cream	2 teaspoons
caramels	2 3/4 pints

- $1 \frac{2}{3}$  teaspoons        $1 \frac{4}{9}$  teaspoons  
  $1 \frac{5}{9}$  teaspoons        $1 \frac{2}{5}$  teaspoons

Show your work

#11

If you mix the peppermint candy canes and chocolate sandwich cookies (crushed) together, how many pints will there be in all? Express answers as a simplified fraction.

Peppermint Bark

Ingredients	
peppermint candy canes	2 1/2 pints
confectioners' sugar	4 1/2 cups
margarine	4 1/2 cups
confectioners' candy coating	1/3 of a ounce
chocolate sandwich cookies (crushed)	4 pints

- $6 \frac{1}{2}$  pints        $6 \frac{9}{10}$  pints  
  $6 \frac{1}{6}$  pints        $6 \frac{4}{9}$  pints

Show your work

#12

If you mix the brown sugar and white corn syrup together, how many cups will there be in all? Express answers as a simplified fraction.

Peanut Butter Popcorn Balls

Ingredients	
brown sugar	1/3 of a cup
popped popcorn	2 1/2 cups
white corn syrup	3 1/2 cups
butter	1 cup
peanut butter	5 cups

- $3 \frac{1}{4}$  cups        $3 \frac{3}{5}$  cups  
  $3 \frac{5}{6}$  cups        $3 \frac{8}{9}$  cups

Show your work

Question	Answer
#1	choice 1
#2	$2\frac{7}{12}$
#3	choice 4
#4	choice 1
#5	choice 2
#6	1
#7	choice 3
#8	choice 3
#9	choice 3
#10	choice 1
#11	choice 1
#12	choice 3