



#1

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

cups

Show your work

#2

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

Caramel Graham Crackers

Ingredients	
margarine	4 1/2 cups
graham crackers	2 1/2 pints
brown sugar	2 2/3 tablespoons
butter	1/2 of a cup
chopped pecans	1 cup

- 4 cups 42 cups
 3 cups 43 cups

Show your work

#3

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

Caramel Chocolate Fudge

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

teaspoons

Show your work



#4

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	
white corn syrup	3 $\frac{1}{3}$ cups
butter	1 $\frac{2}{3}$ cups
peanut butter	2 cups
popped popcorn	4 cups
brown sugar	6 cups

- 9 $\frac{2}{7}$ cups 9 $\frac{4}{7}$ cups
 9 $\frac{7}{9}$ cups 9 $\frac{1}{3}$ cups

Show your work

#5

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

Macarons

Ingredients	
large egg whites	4 $\frac{1}{2}$ cups
almond flour	3 $\frac{2}{3}$ cups
confectioners' sugar	$\frac{2}{3}$ of a cup
salt	1 teaspoon
superfine (caster) sugar	5 $\frac{1}{2}$ cups

- 3 $\frac{9}{10}$ cups 3 $\frac{3}{8}$ cups
 3 $\frac{3}{7}$ cups 3 $\frac{5}{6}$ cups

Show your work

#6

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

Apple Pie

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

- $\frac{1}{8}$ cups $\frac{1}{3}$ cups
 $\frac{7}{8}$ cups $\frac{1}{4}$ cups

Show your work



#7

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

#8

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

Tapioca Pudding

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

cups

Show your work

#9

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	
sugar	4 cups
flour	1/3 of a cup
eggs	2 1/2 cups
salted butter	3 1/2 cups
cocoa powder	1 1/3 cups

- $4 \frac{1}{3}$ cups $4 \frac{1}{5}$ cups
 $4 \frac{6}{7}$ cups $4 \frac{1}{10}$ 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	
caramels	3 pints
sweetened condensed milk	2 ² / ₃ ounces
heavy cream	6 teaspoons
vanilla extract	1 ¹ / ₂ teaspoons
milk chocolate chips	1 ¹ / ₂ cups

- 4 ¹/₆ teaspoons 4 ⁴/₅ teaspoons
 4 ⁵/₆ teaspoons 4 ¹/₂ teaspoons

Show your work

#11

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

Macarons

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

cups

Show your work

#12

How many less pints of peppermint candy canes than chocolate sandwich cookies (crushed) are needed? Express answers as a simplified fraction.

Peppermint Bark

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

pints

Show your work

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