

Dinner for How Many?

name _____

Problem solving, multiplying fractions (5.NF.B.6)

Use the recipes to answer the questions.
Show your work. Use another page if you need it.

Deviled Eggs

6 eggs
1/4 c. mayonnaise
1 tsp. white vinegar
1 tsp. mustard
1/8 tsp. salt
(Makes 12)

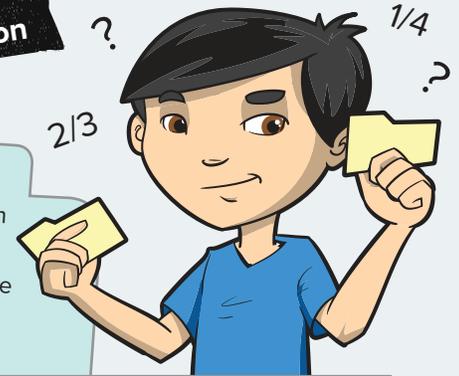
Mini Quiches

1/2 c. shredded cheese
1/3 c. spinach or fully-cooked bacon
3/4 c. liquid whole egg
1 1/2 c. milk
pinch onion salt
one recipe pie crust dough
(Makes 32 mini quiches)

Chocolate Custard

1 c. heavy whipping cream
1/3 c. milk
3/4 c. semisweet chocolate
4 egg yolks
(6 servings)

c. = cup
tsp. = teaspoon



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| 1. If you could only make 10 deviled eggs, how much mayonnaise would you need? | 2. How much milk would you use to make just 24 mini quiches instead of 32? |
| 3. If you made four servings of chocolate custard instead of six, how much chocolate would you need? | 4. How much spinach or bacon would the recipe require if you made just eight mini quiches? |
| 5. How much salt would you need to use if you made 18 deviled eggs instead of 12? | 6. If you made 20 mini quiches instead of 32, how much liquid whole egg would you need? |
| 7. How much milk would you use to make ten servings of chocolate custard instead of six? | 8. How much shredded cheese would you need to make 16 mini quiches instead of 32? |

Bonus: Choose a problem from above. Then write four or more steps that explain how you solved the problem.

incredible!



Grade 5

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American Egg Board

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Answer Key

1. $10/48$ or $5/24$ c. mayonnaise
2. $72/64$ or $9/8$ c. milk
3. $12/24$ or $1/2$ c. semisweet chocolate
4. $8/96$ or $1/12$ c. spinach or bacon
5. $18/96$ or $3/16$ tsp. salt
6. $60/128$ or $15/32$ c. liquid whole egg
7. $10/18$ or $5/9$ c. milk
8. $16/64$ or $1/4$ c. shredded cheese

BONUS Answers will vary.

