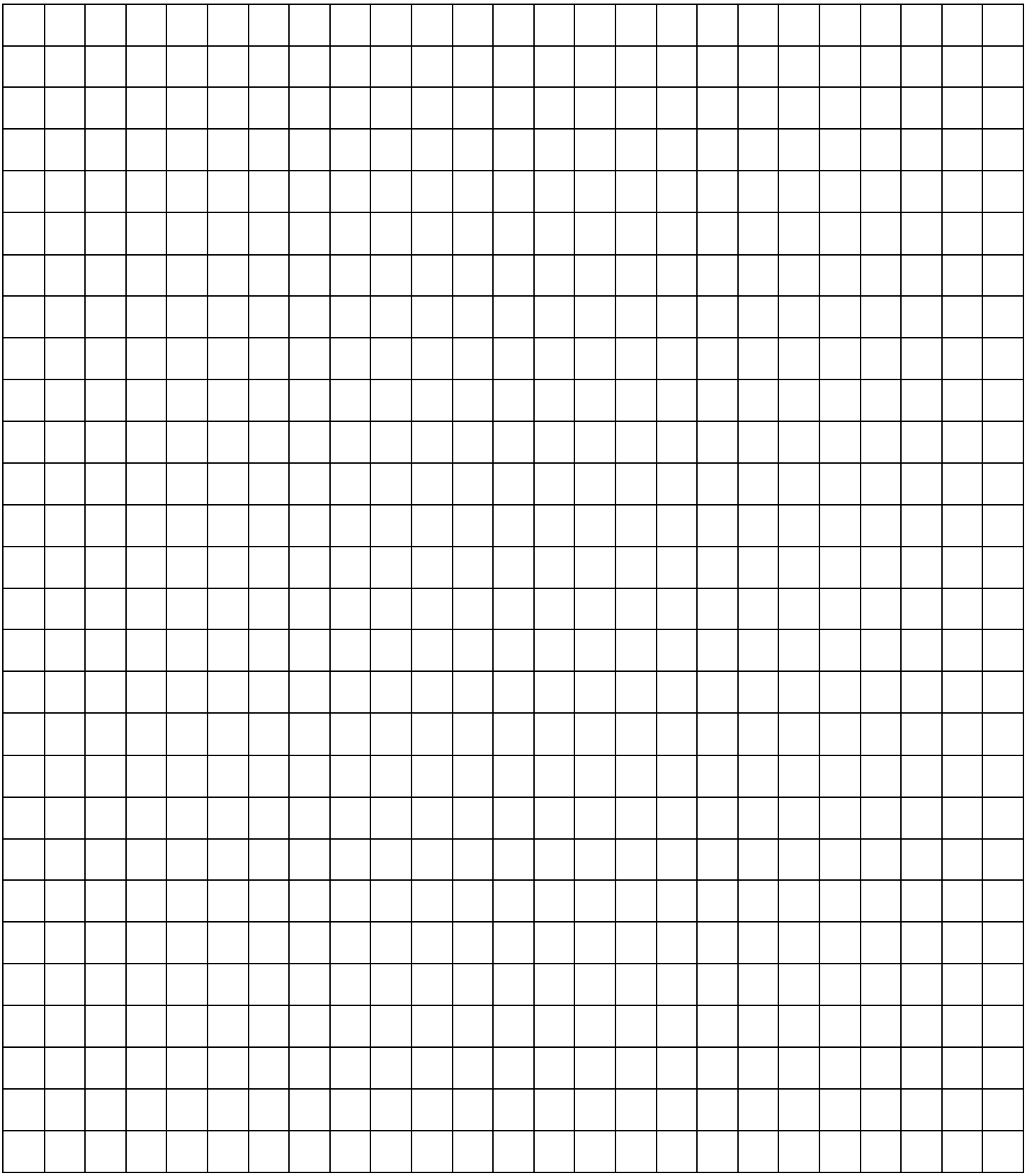
Unit 5, Activity 1, Graph Paper



Unit 5, Activity 1, Decimal Operations

Name _____ Date _____

Solve.

1. 48.533 + 4.11
2. 3.7 + 28.715
3. 14.01 + 5.25
4. 77.743 + 98.6
5. 8.07 + 1.063
6. 78.024 + 5.8
7. 6.68 + 91.085
8. 34.9 + 83.25
9. 6.7 – 1.3
10. 8.4 – 2.093
11. 29.63 – 8.4
12. 4.9 – 4.05
13. 61.004 – 60.485
14. 82.95 – 42.027
15. 7.05 – 5.5
16. 6.8 – 5.034
17. Suzie wanted to buy new jeans and a new shirt for the school dance. Her mother took her shopping in a big store downtown, and they looked for just the right shirt for almost two hours! Finally, Suzie found the one she wanted. The price of the jeans was $20.48 and the shirt's price was $21.23. How much did Suzie's new outfit cost in all?
18. Scott has $9.57 to spend on a new shirt at a store in Sydney. He likes a shirt that costs $13.99. How much money does he need to borrow to buy the shirt that he likes?
19. Long-haired Lucy decided it was time for a new haircut. She went to the hairdressers with hair 74.2 cm long. When she left, it was 21.6 cm long. How much hair had the hairdressers taken off?
20. Katie is making a gift for her mom for Mother's Day. She will buy 0.5 m of pink ribbon, 1.25 m of white ribbon, and 0.75m of green ribbon. How many meters of ribbon will she buy in all?

Unit 5, Activity 1, Decimal Operations with Answers

Name _____ Date _____

Solve.

1. 48.533 + 4.11 = *52.643*
2. 3.7 + 28.715 = *32.415*
3. 14.01 + 5.25 = *19.26*
4. 77.743 + 98.6 = *176.343*
5. 8.07 + 1.063 = *9.133*
6. 78.024 + 5.8 = *83.824*
7. 6.68 + 91.085 = *97.765*
8. 34.9 + 83.25 = *118.15*
9. 6.7 – 1.3 = *5.4*
10. 8.4 – 2.093 = *6.307*
11. 29.63 – 8.4 = *21.23*
12. 4.9 – 4.05 = *0.85*
13. 61.004 – 60.485 = *0.519*
14. 82.95 – 42.027 = *40.923*
15. 7.05 – 5.5 = *1.55*
16. 6.8 – 5.034 = *1.766*

17. Suzie wanted to buy new jeans and a new shirt for the school dance. Her mother took her shopping in a big store downtown, and they looked for just the right shirt for almost two hours! Finally, Suzie found the one she wanted. The price of the jeans was $20.48 and the shirt's price was $21.23. How much did Suzie's new outfit cost in all?

$41.71

18. Scott has $9.57 to spend on a new shirt at a store in Sydney. He likes a shirt that costs $13.99. How much money does he need to borrow to buy the shirt that he likes?

$4.42

19. Long-haired Lucy decided it was time for a new haircut. She went to the hairdressers with hair 74.2 cm long. When she left, it was 21.6 cm long. How much hair had the hairdressers taken off?

52.6 cm

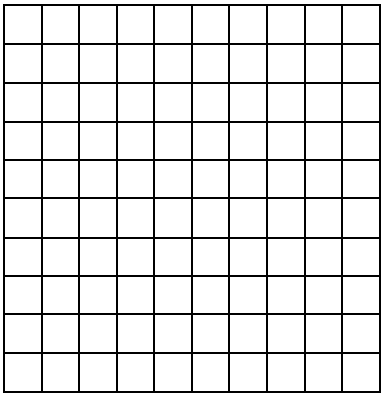
20. Katie is making a gift for her mom for Mother's Day. She will buy 0.5 m of pink ribbon, 1.25 m of white ribbon, and 0.75m of green ribbon. How many meters of ribbon will she buy in a all?

She will need to buy 2.5 m of ribbon

Unit 5, Activity 4, Hundredths Square

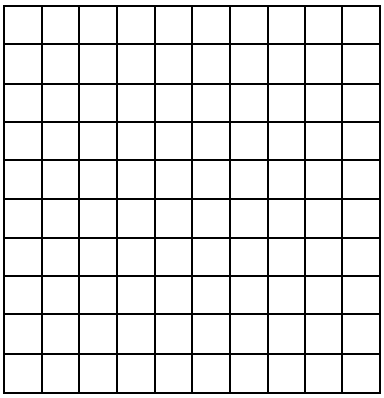
Name _____ Date _____

1.



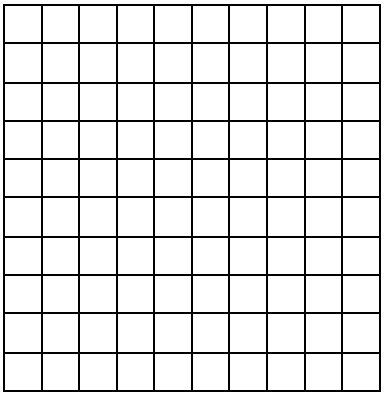
Problem Modeled _____

2.



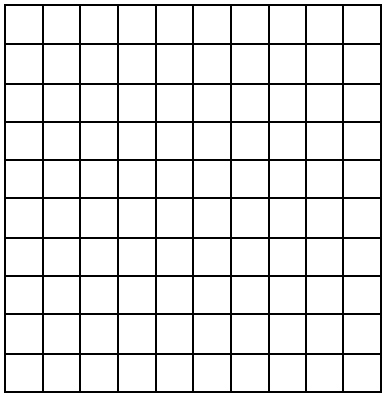
Problem Modeled _____

3.



Problem Modeled _____

4.

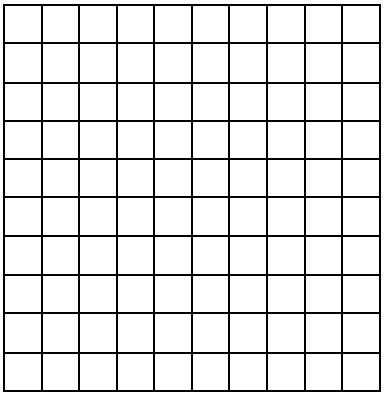


Problem Modeled _____

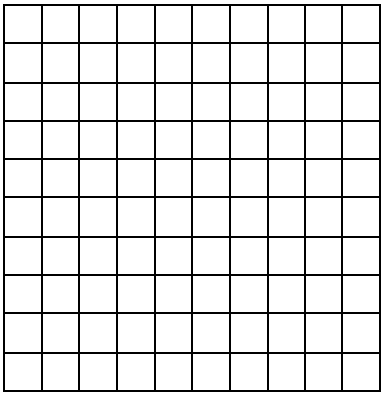
Name _____ Date _____

Model and solve the following problems.

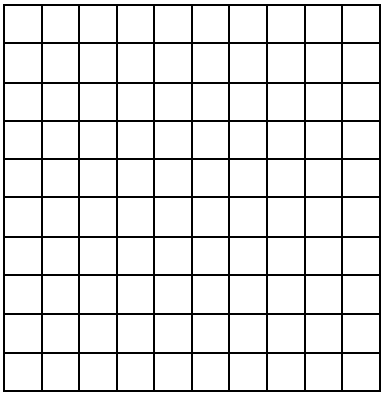
1. 0.4×0.9



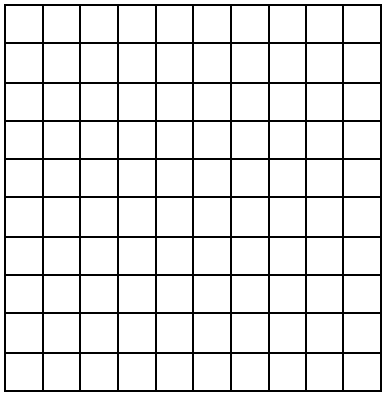
2. 0.5×0.8



3. 0.6×0.6



4. 0.2×0.7

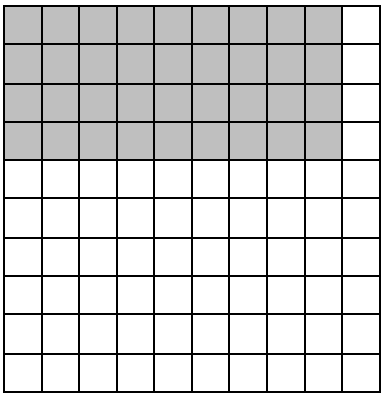


Unit 5, Activity 4, Modeling Multiplying Decimals with Answers

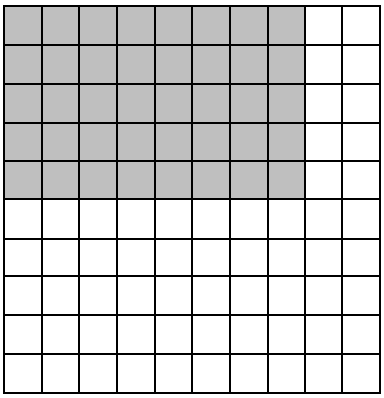
Name _____ Date _____

Model and solve the following problems.

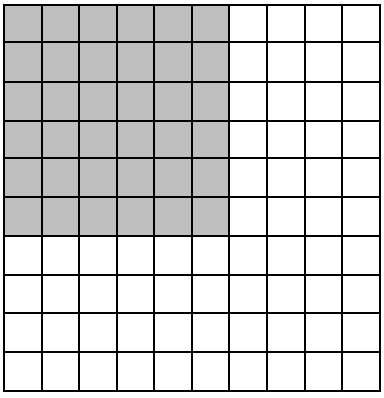
1. $0.4 \times 0.9 = \textit{0.36}$



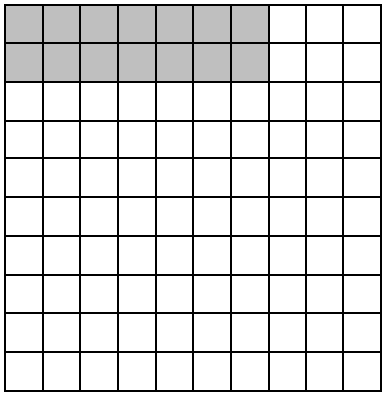
2. $0.5 \times 0.8 = \textit{0.4}$



3. $0.6 \times 0.6 = \textit{0.36}$



4. $0.2 \times 0.7 = \textit{0.14}$



Name _____ Date _____

Predict the number of decimal places in the product.

1. 0.101×1.12

2. 8.21×2.3

3. 5×1.234

4. 0.14×4.31

Solve.

5. 1.02×4.046

6. 3.765×1.1

7. 2.24×0.35

8. 6.001×12.2

9. 15×2.11

10. 8.1×4.5

11. 2.353×4.5

12. 11.5×3.221

13. 8.27×6.52

14. 5.41×1.02

Unit 5, Activity 4, Multiplying Decimals with Answers

Name _____ Date _____

Predict the number of decimal places in the product.

1. 0.101 × 1.12

   5 places

2. 8.21 × 2.3

   3 places

3. 5 × 1.234

   3 places

4. 0.14 × 4.31

   4 places

Solve.

5. 1.02 × 4.046

   4.12692

6. 3.765 × 1.1

   4.1415

7. 2.24 × 0.35

   0.784 or 0.7840

8. 6.001 × 12.2

   73.2122

9. 15 × 2.11

   31.65

10. 8.1 × 4.5

    36.45

11. 2.353 × 4.5

    10.5885

12. 11.5 × 3.221

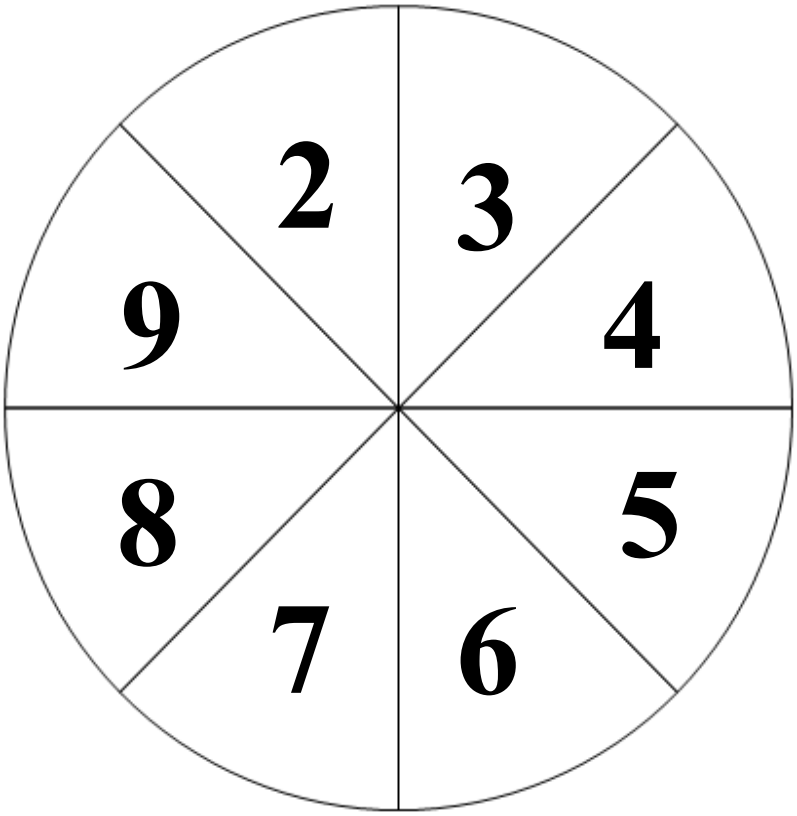
    37.0415

13. 8.27 × 6.52

    53.9204

14. 5.41 × 1.02

    5.5182


2
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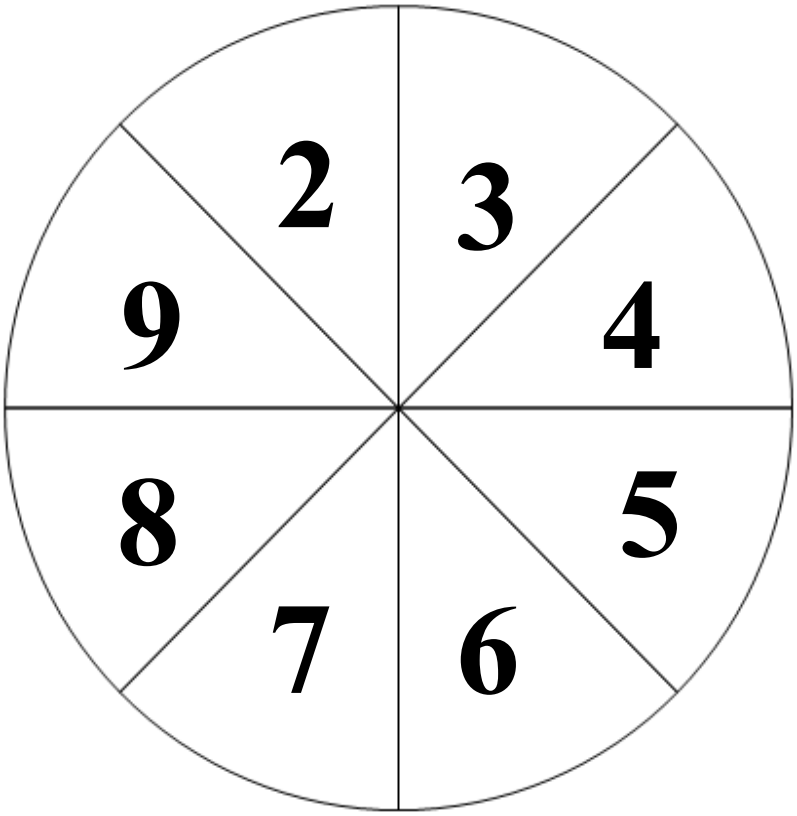
2
3
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7
6

$1.15	$1.26	$1.95
$2.46	$2.65	$1.77
$3.10	$8.12	$12.39
$15.99	$10.08	$12.90

Name _____ Date _____

Spinner Value	Card Amount	Product	Total Spent

Name _____ Date _____

Solve.

1. $87.4 \div 9.2$

2. $14.03 \div 6.1$

3. $4.55 \div 1.4$

4. $0.322 \div 0.14$

5. $7.15 \div 1.1$

6. $12 \div 0.5$

7. $2.5 \div 0.25$

8. $6 \div 0.32$

9. $0.26 \div 0.25$

10. $3.72 \div 3.1$

Name _____ Date _____

Solve.

1. 87.4 ÷ 9.2

   9.5

2. 14.03 ÷ 6.1

   2.3

3. 4.55 ÷ 1.4

   3.25

4. 0.322 ÷ 0.14

   2.3

5. 7.15 ÷ 1.1

   6.5

6. 12 ÷ 0.5

   24

7. 2.5 ÷ 0.25

   10

8. 6 ÷ 0.32

   18.75

9. 0.26 ÷ 0.25

   1.04

10. 3.72 ÷ 3.1

    1.2

Welcome to The Math Cafe

Menu

Appetizers:

Nachos	$6.65	Cheese Sticks	$4.49
Chips and Salsa	$2.99	Potato Skins	$7.29
Cheese Fries	$4.95	Onion Rings	$4.50

Entrees:

Hamburger	$6.99	Ribs	$10.45
Cheeseburger	$8.79	14 oz. Ribeye	$12.25
Chicken Sandwich	$8.95	Tacos	$8.49
Chicken Strips	$9.89	Burrito	$9.49
Loaded Pizza	$10.49	Fried Shrimp	$11.29

Drinks:

Flavored Tea	$2.29	Soft Drinks	$1.59
Unsweet Tea	$1.29	Lemonade	$2.59

Desserts:

Cheesecake	$5.35	Giant Cookie	$2.59
Chocolate Cake	$4.29	Sundae	$5.49

Name _____ Date _____

You and 3 of your friends are going out to eat. You have $75 to spend and you must order at least one appetizer and an entrée and drink for each person.

1. Record what you will order and calculate how much the bill is before tax and tip?

2. If tax is 8%, how much will the bill be including tax? (Hint: multiply the amount of the bill times 0.8 then add the amount to the total)

3. If you want to leave a 20% tip, how much extra should you pay? Do you still have enough money?(Hint: multiply the amount of the bill times 0.2, or multiply by 0.1 and then double that amount, then add the amount to the total)

4. If you and your friends decide to split the bill evenly, how much will each person pay?

5. How much money will you have left?

Math Café Bill

Name of Food	***$***
Subtotal	
Tax	
Total of meal	
20% tip	