

# Mother's Day Math

Name **Key**

Pretend that you want to take your mother, aunt, grandmother, or any other special friend or family member out for Mother's Day.

1. Write an expression that can be used to determine the cost for  $a$  adults and  $c$  children to eat brunch at this restaurant.  
 **$27.95a + 15.95c$**
2. Make a list of the people who will be eating brunch, including you. How much would it cost your family to eat at this restaurant?  
**Answers will vary, based on family sizes and ages.**
3. You must pay 6% sales tax. Show how to figure out the amount of tax you have to pay for your family's meal.  
**Answers will vary, based on family sizes and ages.**
4. *Gratuity* is another way of saying a *tip*. Most people consider 15% to 20% to be a polite tip. Decide what percentage you would like to leave for a tip. Then show how to figure out the amount of the tip.  
**Answers will vary, based on family sizes and ages.**

## Early Finishers, try these!

5. Moms like flowers too! You can buy a bouquet of 6 flowers for \$12.48. What is the unit rate (cost per flower)?  
**\$2.08 per flower**
6. How much would 4 flowers cost? How much would 10 flowers cost? **\$8.32 for 4, \$20.80 for 10**



Ratio Restaurant's Annual  
**Mother's Day  
Brunch**  
This Sunday!

Featuring a  
Brunch Buffet!

Adults.....\$27.95  
Children.....\$15.95  
(12 and under)

Plus gratuity and tax.

1618 Fibonacci Rd.  
Phidias, OH  
Call 314-159-2653 for reservations.

A large, vibrant illustration of a bouquet of flowers, including yellow lilies, pink and blue daisies, and orange and pink roses.