

## Mental Math Practice Test

Date: \_\_\_\_\_

Directions: Do your best. Attempt to find each answer in your head. No calculators allowed.

- 1) If steak costs \$4.23 per pound, how much does 3 pounds cost? \_\_\_\_\_
- 2) Gas costs \$4.06 per gallon. Steve uses 2 gallons per day to get to work. What is the cost to get to work for 5 days? \_\_\_\_\_
- 3) Find the circumference if the radius is 36 km. ( $C = 2\pi r$ . Leave the answer in terms of  $\pi$ .)  
\_\_\_\_\_
- 4) In a savings account the beginning balance was \$600. The ending balance was \$89. How much was removed from the account? \_\_\_\_\_
- 5) If one pound of candy costs \$2.98, how much will 6 pounds cost? \_\_\_\_\_
- 6) Solve  $80x = 60$ . \_\_\_\_\_
- 7) Estimate:  $(-694) + (-684) + (-710) + (-702) \approx$  \_\_\_\_\_
- 8) Steve bought three items at the restaurant costing \$12.67, \$5.56, and \$2.81. Estimate the total bill (before tax and tip). \_\_\_\_\_
- 9) Solve  $x + (-235) = 245$  \_\_\_\_\_
- 10) Evaluate  $\frac{670}{6.7}$  \_\_\_\_\_
- 11) Dr. Wheeler wishes to run a series of plant growth tests in the greenhouse. If it takes 4 minutes to complete each test and she only has 2 hours, what is the maximum number of tests that Dr. Wheeler will be able to perform? \_\_\_\_\_
- 12) Ten percent of the retail price of each item sold is reinvested for research and development. If an item sells for \$50.70, how much is reinvested for research and development? \_\_\_\_\_
- 13)  $k(x) = \frac{1}{2}x^2$  find  $k(6)$  \_\_\_\_\_
- 14) Mona has 3 siblings (4 children). If her parents wish to give \$24 to each child for a month's allowance, how much money will her parents give each month? \_\_\_\_\_
- 15) Solve  $\frac{x}{4} = 2.3$  \_\_\_\_\_