

Mental Math Practice-test 2**Date:** _____*Directions: Do your best. Attempt to find each answer in your head. No calculators allowed.*

- 1) Estimate the solution: $x + 2,083,034 = 8,908,203$. _____
- 2) If each of 4 classrooms sell 252 candy bars and the profit for each candy bar is \$.65, estimate the total profit. _____
- 3) If you buy two train tickets, each costing \$28, what is the total cost? _____
- 4) Estimate the total bill for the following items: \$14.48, \$3.49, \$6.42, \$7.59. _____
- 5) Solve: $60x = 4800$ _____
- 6) If 8% are in favor, what percent against? _____
- 7) $(b^{12})^9 =$ _____
- 8) Evaluate $\left(\frac{23}{7}\right) \cdot 4$ (You may leave the answer as an improper fraction) _____
- 9) $y = 4x + 488$. Find the x-intercept (State your answer in an ordered pair) _____
- 10) If 6 friends each pay \$35 for a camping trip, what is the total paid? _____
- 11) Solve $2x - 4 = 34$ _____
- 12) $\frac{1}{7} \cdot 560 =$ _____
- 13) Solve $\frac{r}{1.1} = .8$ _____
- 14) Solve $\frac{25}{30} = \frac{a}{90}$ _____
- 15) 50 is what percent of 200? _____