

**Math Tips, Tricks, Mental Calculations – Quiz 6 (Final) – Week 14**  
**Use MENTAL MATH to find the answers to the below questions!**

- \_\_\_\_\_ 1.  $20,000 \cdot 50$
- \_\_\_\_\_ 2.  $10,800 \div 9$
- \_\_\_\_\_ 3.  $7,000 \cdot 0.3$
- \_\_\_\_\_ 4.  $12,000 \cdot 0.6$
- \_\_\_\_\_ 5.  $500 \cdot 60$
- \_\_\_\_\_ 6.  $3,000 \times 0.04$
- \_\_\_\_\_ 7.  $9,000 \times 0.002$
- \_\_\_\_\_ 8.  $5,600,000 \div 0.7$
- \_\_\_\_\_ 9.  $880,000 \div 110$
- \_\_\_\_\_ 10. Convert  $3/25$  to a decimal.
- \_\_\_\_\_ 11. Convert  $3/25$  to a percent.
- \_\_\_\_\_ 12. Convert 22.5% to a fraction (reduce it!).
- \_\_\_\_\_ 13.  $57 \times 8$
- \_\_\_\_\_ 14.  $5,700 \times 0.8$
- \_\_\_\_\_ 15. Find 90 percent of 70,000.
- \_\_\_\_\_ 16. What is 60 percent of 110,000?
- \_\_\_\_\_ 17. How much is a 15% tip for a meal that costs \$88?
- \_\_\_\_\_ 18. Give the total cost of a \$2,300 lawn mower, including a sales tax of 5%.
- \_\_\_\_\_ 19. You wait to buy an \$800 pet monkey until it's 60% off. How much do you pay?
- \_\_\_\_\_ 20. What is  $4/5$  of 6000?

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**Use MENTAL MATH to find the answers to the below questions!**

- |   |     |  |
|---|-----|--|
| <b>1,000,000</b>                              | 1.  | $20,000 \cdot 50$  |
| <b>1,200</b>                                  | 2.  | $10,800 \div 9$  |
| <b>2,100</b>                                  | 3.  | $7,000 \cdot 0.3$  |
| <b>7,200</b>                                  | 4.  | $12,000 \cdot 0.6$   |
| <b>30,000</b>                                 | 5.  | $500 \cdot 60$   |
| <b>120</b>                                    | 6.  | $3,000 \times 0.04$  |
| <b>18</b>                                     | 7.  | $9,000 \times 0.002$   |
| <b>8,000,000</b>                              | 8.  | $5,600,000 \div 0.7$   |
| <b>8,000</b>                                  | 9.  | $880,000 \div 110$   |
| <b>.12</b>                                    | 10. | Convert $3/25$ to a decimal.   |
| <b>12%</b>                                    | 11. | Convert $3/25$ to a percent.   |
| <b><math>225/1000 \rightarrow 9/40</math></b> | 12. | Convert 22.5% to a fraction (reduce it!).                                    |
| <b>456</b>                                    | 13. | $57 \times 8$  |
| <b>4,560</b>                                  | 14. | $5,700 \times 0.8$   |
| <b>63,000</b>                                 | 15. | Find 90 percent of 70,000.   |
| <b>66,000</b>                                 | 16. | What is 60 percent of 110,000?   |
| <b>\$13.20</b>                                | 17. | How much is a 15% tip for a meal that costs \$88?                            |
| <b>\$2,415</b>                                | 18. | Give the total cost of a \$2,300 lawn mower, including a sales tax of 5%.    |
| <b>\$320</b>                                  | 19. | You wait to buy an \$800 pet monkey until it's 60% off. How much do you pay? |
| <b>4,800</b>                                  | 20. | What is $4/5$ of 6,000?  |