

**Math Tips, Tricks, Mental Calculations – Practice Sheet of Mystery and Wonder (Week 7)**

1. $2,000 \cdot 5,000$
2. $350,000 \div 70$
3. $70,000 \cdot 0.07$
4. $32,000 \div 0.4$
5. $700,000 \cdot 0.002$
6. $11,000,000 \cdot 0.0003$
7. Convert 92.5% to a decimal and a fraction.
8. Convert $18/25$ to a decimal and a percent.
9. (a) $62 \cdot 5$ (b) $6,200 \cdot 0.5$
10. (a) Find 40 percent of 1,200. (b) Find 34 percent of 20,000.
11. What number is 35 percent of 800?
12. 22 percent of what number is 110?
13. 80 is what percent of 250?
14. Edna ate 400 cookies a day for 2,000 days straight. How many total cookies did she eat over the 2,000 days?
15. Elmer did 800,000 jumping jacks over 400 days. How many jumping jacks, on average, did he do per day?
16. Exactly 0.08 of the 12,000 machines were defective. How many were defective?
17. Wanda killed $3/8$ of the rats in her closet. (a) What percent did she kill? (b) Convert this percent to a decimal.
18. Laura didn't do her Math Tips & Tricks assignments each day. She then fell and knocked out all of her teeth, then got a 62.5% on her quiz. Convert this percent to a decimal and to a fraction (reduce it!).
19. Bertha could only do 42 percent of her goal of 7,000 pushups. How many did she do?
20. Ed's Chick-fil-A® bill came to \$60. If Chick-fil-A® had waiters and allowed tipping, how much should Ed tip the waiter if he wants to tip 15 percent?



Math Tips, Tricks, Mental Calculations – Practice Sheet of Mystery and Wonder (Week 7)

1. 10,000,000
2. 5,000
3. 4,900
4. 80,000
5. 1,400
6. 3,300
7. .925; $925/100 \rightarrow 37/40$ (reduced)
8. .72; 72%
9. (a) 310 (b) 3,100
10. (a) 480 (b) 6,800
11. 280
12. 500
13. 32%
14. 800,000
15. 2,000
16. 960
17. 37.5%; .375
18. .625; $625/1000 \rightarrow 5/8$ (reduced)
19. 2,940
20. \$9