

Basic Math Calculations

1. Convert the following percent to decimal numbers, and the decimals to percent.

1. 3% $0,03$	8. 0.06% $0,0006$
2. 345% $3,45$	9. 0.003 $0,3\%$
3. 3 300%	10. 11.73 1173%
4. 4.6% $0,046$	11. 1.6 160%
5. 0.45% $0,0045$	12. 0.15 15%
6. 23 2300%	13. 0.2 20%
7. 2000% 20	14. 0.50 50%

2. John pays 29% of his annual income in taxes. If his annual income is \$39,000, how much does he pay in taxes?

$$\begin{array}{r} 29 \\ 390 \\ \hline 11310 \end{array}$$

3. A restaurant charged \$9.00 plus a service charge for a meal. Find the total charged for a group of two couples if the service charge was 12%.

$$10,08$$

4. If \$6.00 is 2% of an amount, what is 1%?

$$3,00$$

5. If \$24.00 is 8% of an amount, find 1%.

$$3,00$$

6. If 40 liters = 8%, find 1%.

$$5 \text{ liters}$$

7. If \$0.70 = 20%, find 32%.

$$\begin{array}{r} 0,035 \\ 20 \\ \hline 0,70 \\ 0,70 \\ \hline 1,40 \end{array}$$

8. A restaurant charges \$12.00 + VAT at 17.5% for a bottle of wine. Calculate the total price paid by the customer for this bottle of wine.

$$14,1$$

9. A caterer prices a dinner for 20 guests at \$188 (inclusive of VAT at 17.5%). Calculate the amount retained by the caterer and the amount sent to the government.

$$166$$

10. A menu showed the price of a meal at \$9.40 (inclusive of VAT at 17.5%). Find the amount of money that will be retained by the catering establishment.

$$8,03$$

