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

Formula for figuring out the tip:

Cost of dinner x the percent changed to a decimal = tip

Example: dinner is $29.85 tip is 12% so 29.85 x .12 = 3.582. Round the tip to the hundredth place. Tip = $3.58. If they ask you for the final cost of the meal add the cost of the tip to the cost of the meal. $29.85 + 3.58 = $33.43

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| 15% tip for $39.45 meal. Final cost of meal:  15% of 39.45  .15 x 39.45  = 5.9175  TIP = $5.92  39.45 + 5.92  = $45.37 | 17% tip for 60.65 meal. Final cost of meal:  17% of 60.65  .17 x 60.65  = 10.3105  TIP = $10.31  60.65 + 10.31  = $70.96 |
| 22% tip for $52.94 meal. Final cost of meal:  22% of 52.94  .22 x 52.94  = 11.6468  TIP = $11.65  52.94 + 11.65  = $64.59 | 12% tip for 47.54 meal. Final Cost of meal:  12% x 47.54  .12 x 47.54  = 5.7048  TIP = $5.70  47.54 + 5.70  = $53.24 |
| Do this problem without the use of the Tip Calculator:  10% tip for $57.89 meal. Final cost of meal:  10% of 57.89  .10 x 57.89  = 5.789  TIP = 5.79  57.89 + 5.79  = $63.68 | Do this problem without the use of the Tip Calculator. (Hint: double 10%)  20% tip for 72.66 meal. Final cost of meal:  20% of 72.66  .20 x 72.66 (or use hint: 7.266 + 7.266)  = 14.532  TIP = 14.53  72.66 + 14.53  = $87.19 |
| Do this problem without the use of the Tip Calculator. (Hint: figure the 10% tip, half it, then add)  15% tip for $82.34 meal. Final cost of meal:  15% x 82.34  .15 x 82.34 (or use hint 8.234 + half 4.117) =12.351  TIP = 12.35  82.34 + 12.35  = $94.69 | Do this problem without the use of the Tip Calculator. (Hint: figure the 10% tip, half it, then add)  15% tip for $19.99 meal. Final cost of meal:  15% x 19.99  .15 x 19.99 (or use hint 1.999 + .9995)  = 2.9985  TIP = 3.00  19.99 + 3.00  = $22.99 |