Consumer Math   Name_____

Unit 2 - Practice Quiz #2

Date_____

Write each as a percent. Round to the nearest tenth of a percent.

1) 0.38   2) 0.002

3) 0.93   4) 0.98

Write each as a decimal. Round to the thousandths place.

5) 457.4%   6) 9%

7) 62%   8) 58%

Write each as a percent. Round to the nearest tenth of a percent.

9) $\dfrac{59}{70}$ 10) $\dfrac{7}{10}$

11) $\dfrac{1}{140}$ 12) $\dfrac{73}{75}$

Solve each problem.

13) What percent of 79 is 72?   14) What percent of 158 is 33?

15) 24% of what is 40?

16) What is 24% of 58.1?

17) 152 is 140% of what?

18) What percent of 95.6 is 51?

19) 41% of what is 19?

20) 18% of 138.1 is what?

21) What percent of 128 is 31.6?

22) What is 44% of 1?

23) 39% of 129 is what?

24) 89.4 is what percent of 119?

25) 67 is what percent of 86?

26) What is 98% of 128.8?

27) 36% of what is 70.3?

28) 36 is what percent of 99?

29) What percent of 130 is 143.1?

30) 68.4 is 2% of what?

Find the total restaurant bill you must pay given the original bill and the tip percentage.

31) Bill: $62.50
Tip: 20%

32) Bill: $40
Tip: 18%

33) Bill: $57.85
    Tip: 22%

34) Bill: $105.48
    Tip: 23%

Find the selling price of each item.

35) Cost: $19.50
    Markup: 10%

36) Cost: $2,000.00
    Markup: 24%

37) Cost: $12.50
    Markup: 67%

38) Cost: $26.95
    Markup: 95%

39) Original price: $189.99
    Discount: 10%

40) Original price: $12.50
    Discount: 45%

41) Original price: $48.50
    Discount: 20%

42) Original price: $59.95
    Discount: 50%

43) Cost: $4.50
    Markup: 20%
    Discount: 50%

44) Cost: $1,500.00
    Markup: 70%
    Discount: 45%

45) Cost: $109.99
    Markup: 38%
    Discount: 20%

46) Cost: $129.95
    Markup: 60%
    Discount: 10%