

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) $\frac{59}{70}$

10) $\frac{7}{10}$

11) $\frac{1}{140}$

12) $\frac{73}{75}$

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%

Unit 2 - Practice Quiz #2

Date _____

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

1) 0.38

38%

2) 0.002

0.2%

3) 0.93

93%

4) 0.98

98%

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

5) 457.4%

4.574

6) 9%

0.09

7) 62%

0.62

8) 58%

0.58

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

9) $\frac{59}{70}$

84.3%

10) $\frac{7}{10}$

70%

11) $\frac{1}{140}$

0.7%

12) $\frac{73}{75}$

97.3%

Solve each problem.

13) What percent of 79 is 72?

91.1%

14) What percent of 158 is 33?

20.9%

15) 24% of what is 40?

166.7

16) What is 24% of 58.1?

13.9

17) 152 is 140% of what?

108.6

18) What percent of 95.6 is 51?

53.3%

19) 41% of what is 19?

46.3

20) 18% of 138.1 is what?

24.9

21) What percent of 128 is 31.6?

24.7%

22) What is 44% of 1?

0.44

23) 39% of 129 is what?

50.3

24) 89.4 is what percent of 119?

75.1%

25) 67 is what percent of 86?

77.9%

26) What is 98% of 128.8?

126.2

27) 36% of what is 70.3?

195.3

28) 36 is what percent of 99?

36.4%

29) What percent of 130 is 143.1?

110.1%

30) 68.4 is 2% of what?

3420

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

31) Bill: \$62.50

Tip: 20%

\$75

32) Bill: \$40

Tip: 18%

\$47.20

33) Bill: \$57.85
Tip: 22%

\$70.58

34) Bill: \$105.48
Tip: 23%

\$129.74

Find the selling price of each item.

35) Cost: \$19.50
Markup: 10%

\$21.45

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

\$2,480.00

37) Cost: \$12.50
Markup: 67%

\$20.88

38) Cost: \$26.95
Markup: 95%

\$52.55

39) Original price: \$189.99
Discount: 10%

\$170.99

40) Original price: \$12.50
Discount: 45%

\$6.88

41) Original price: \$48.50
Discount: 20%

\$38.80

42) Original price: \$59.95
Discount: 50%

\$29.98

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

\$2.70

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

\$1,402.50

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

\$121.43

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

\$187.13