Pre-Algebra Preparation
Name_____ ID: 1

Topic 4: Percents

Date_____ Period____

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

1) 40%

2) 20%

3) 5%

4) 7%

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

5) $\dfrac{3}{4}$

6) $\dfrac{17}{79}$

7) $\dfrac{7}{18}$

8) $\dfrac{2}{35}$

Solve each problem.

9) 88 is what percent of 23?

10) What is 23% of 155?

11) 59 is 28% of what?

12) 42 is 14% of what?

13) What percent of 126 is 61?

14) 26% of what is 86?

15) What percent of 140 is 34?

16) 6% of what is 90.3?

Find the selling price of each item.

17) Original price of a pen: $2.40
Discount: 20%

18) Original price of a truck: $56,000.00
Discount: 40%

19) Original price of a goldfish: $7.50
Tax: 2%

20) Original price of a book: $72.95
Tax: 4%

21) Cost of a pen: $0.95
Markup: 30%
Tax: 1%

22) Cost of a comic book: $2.99
Markup: 60%
Tax: 5%

23) Original price of an SUV: $10,000.00
Discount: 30%
Tax: 4%

24) Original price of a shirt: $75.00
Discount: 49%
Tax: 6%

Answers to Topic 4: Percents (ID: 1)

1) 0.4

2) 0.2

3) 0.05

4) 0.07

5) 75%

6) 22%

7) 39%

8) 6%

9) 382.6%

10) 35.6

11) 210.7

12) 300

13) 48.4%

14) 330.8

15) 24.3%

16) 1505

17) $1.92

18) $33,600.00

19) $7.65

20) $75.87

21) $1.25

22) $5.02

23) $7,280.00

24) $40.55