Dr. Woods

Retail Math NAME: Faharia Afrin

Fill in the blanks for questions 1 through 10.

**Retail $ Cost $ Markup % Cost %**

1. $58.50 $28.96 **50.5%** **49.50%** (28.96/58.50 x 100)

1. **$97.80** $49 49.9%. **50.10%** (49/97.80 x 100)
2. $15.98 **$7.35** 54% **45.99%** (7.35/15.98 x 100)
3. $250 $130 **48%** **52%** (130/250 x 100)
4. **$4.95/unit** $28.20/dozen 52.5% **47.47%** (2.35/4.95 x 100)
5. $12 **$5.88**  51% **49%** (5.88/12 x 100)
6. **$3.10** $1.69 45 1/2% **54.51%** (1.69/3.10 x 100)
7. $135/dozen **$5.66/unit** 49.7% **50.31%** (5.66/11.25 x 100)
8. $1,077.78 $485 **55%** **44.99%** (485/1,077.78 x 100)
9. $3.98 **$2.35** 41% **59.04%** (2.35/3.98 x 100)

Complete Math Problems 11 - 15: Show your math for problem in the space provided.

1. The store owner purchased a special garment for a customer.  The cost price was $85.50, and the retail was $156.88.  What was the markup percent?

$156.88 – $85.50 = $71.38

$71.38 / $156.88 = 0.45499746

0.45499746 x 100 = **45.5%**

1. The accessories buyer bought 120 belts that cost $102 per dozen. If the department has a 49.9% markup, what will be the retail price of each belt?

102 x 499 / (100-49.9)

= 101.59

102 + 101.59 = 203.59 / 12 = **$16.97 per belt**

1. If a baseball glove retails for $225 and a 52.5% markup has been taken, what did the glove cost?

225 x 52.5% = 118.13

225 – 118

**= 106.88**

14, Find the retail price for a leather sofa that cost $1,800 and has a 51% markup.

1800 / (1 – 57 / 100) = 1800 x 100 / 49

**= $3673.47**

1. A buyer purchased hand-painted napkin rings for a special sale. The rings cost $14.40 a dozen and will retail for $2.50 each. Determine the markup percent.

14.40/12 = 1.20

2.50 – 1.20 / 1.20 x 100%

1.3/1.2 x 100 = 1300/12%

**Markup % = 108.33%**