Faharia Afrin

Dr. Woods

Mathematics for Retailing

Assignment 2:

1. a. 42 = 10% of 420
2. ½ % of $250.50 = 1.2525
3. $313.65 = 25.5% of $1230
4. 6.6% of $125 = $8.25
5. 75 = 75% of 99.99
6. 5.5% of $2,020.40 = 111.122
7. 12.5 =0.5%of 2,500
8. $13.50 = 6.75% of$200
9. 55 ½ % of $440.50 = $244.4775
10. 2 = .048% of 4,200
11. Children’s undershirts were selling for $1.49 each. If 8 1/2 dozen shirts were sold, what was the retail value of total sales?

$12.665

1. Last month, 340 area rugs were sold in the furniture department. This month’s sales for area rugs declined by 35%. How many rugs were sold this month?

221 rugs

1. A customer ordered the following fabrics:

24 3/4 yards at $52.00 yard

52 1/2 yards at $24.00 yard

12 1/4 yards at $16.00 yard

What was the total dollar amount purchased?

$2743.00

1. The men’s department received a shipment of 16 1/3 dozen knit shirts, 20 1/4 dozen dress shirts, and 11 1/2 dozen pullover shirts. How many shirts (units) were received?

195.96 + 243 + 138

= 576.96 shirts were received

1. A shipment of 26 3/4 dozen wine glasses was sent to a store. The receiving department discovered that 2 1/2 dozen glasses were cracked. If the damaged glasses were returned to the vendor, what was the percentage returned?

30/321= 0.0934

0.0934\*100 = 9.34%