Section 1.4: On Sale! – Extra Practice

1.   Calculate the discounts to the nearest penny:

      a.   55% off the regular price of $16.55

      b.   30% off the regular price of $1,225.98

      c.   12.5% off the regular price of $67.99

      d.   70% off the regular price of $2.87

      e.   Regular price of $749.99, sale price of $505.99

      f.   Regular price of $28.95, sale price of $14.80

2.   Calculate the sale price to the nearest penny:

      a.   Regular price is $57.50 on sale for 42% off

      b.   Regular price of $267.00 with a 35% discount

      c.   Regular price of $46.85 with a 20% discount

      d.   Regular price of $280.00 on sale for 60% off

3.   Calculate the percent discount to the nearest whole percent:

      a. Regular price of $48.00, sale price of $36.00

      b. Regular price of $285.00 with a discount of $100.00

      c. Regular price of $70.00 with a discount of $22.50

      d. Regular price of $505.00, sale price of $175.00

4.   Jake owns a hardware store in Tisdale, SK and sells power drills for $122.75 each. Every spring he has a 25% off sale. Calculate the selling price of a power drill on sale, including 6% PST and 5% GST.

5. Rachel operates her own hair salon in Moose Jaw, SK. She normally charges $100.00 for highlights but is offering a summer holiday special at 15% off. Calculate the total price to a customer who takes advantage of this holiday special, including GST at 5%.

Answer Key:

1. a. $9.10   b. $367.79   c. $8.50   d. $2.01   e. $244.00   f. $14.15

2. a. $33.35   b. $173.55   c. $37.48   d. $112.00

3. a. 25%   b. 35%   c. 32%   d. 65%

4. $102.18

5. $89.25

Answer Key to Discount, Tax, and Total Cost Worksheet:

1. Discount = $10.00   Sale price = $30.00

2. Discount = $2.40   Sale price = $9.60

3. Discount = $2.50   Sale price = $2.50

4. Discount = $150.00   Sale price = $350.00

5. Tax = $2.83   Total cost = $41.83

6. Tax = $1949.35   Total cost = $31939.35

7. Tax = $2.51   Total cost = $36.51

8. Discount = $187.50   Sale price = $1062.50
    Tax = $69.06   Total cost = $1131.56