

Chapter: 8 [Money]

Worksheet 2: Discount

Activity Book Pg: 82

1) Complete table.

a) and b) already solved in PPT.

c) Regular Price = ?

Sale Price = \$ 470.

Discount = 6%.

Regular Price	Sale Price
100	100 - 6 = 94
Regular Price	470

$$100 \times 470 = \text{Regular Price} \times 94$$

$$\frac{100 \times 470}{94} = \text{Regular Price}$$

$$\frac{47000}{94} = \underline{500}$$

d) Regular Price = \$1050

Sale Price = \$735

Discount = ?

$$\text{Discount \%} = \frac{\text{Discount}}{\text{Regular Price}} \times 100$$

Discount / Activity book pg 82

Pg: 1

Discount = Regular Price - Sale Price

$$= 1050 - 735$$

$$= \$ \underline{315}$$

$$\text{Discount \%} = \frac{315}{1050} \times 100$$

$$= 0.3 \times 100$$

$$= 30\%$$

c) Discount = 11%

$$\text{Regular Price} = \$7200$$

$$\text{Sale Price} = ?$$

Regular Price

100

7200

Sale Price

$$100 - 11 = 89$$

Sale Price

$$100 \times \text{Sale Price} = 7200 \times 89$$

$$\text{Sale Price} = \frac{7200 \times 89}{100}$$

$$= \underline{\underline{6408}}$$

d) Regular Price = ?

$$\text{Sale Price} = \$257.60$$

$$\text{Discount} = 8\%$$

Regular Price

100

Regular Price

Sale Price

$$100 - 8 = 92$$

$$257.60$$

$$100 \times 257.60 = \text{Regular Price} \times 92$$

$$\frac{100 \times 257.60}{92}$$

$$= \frac{25760}{92} = \underline{\underline{280}}$$

$$\text{Regular Price} = \underline{\underline{\$280}}$$

2) The regular Price of a dress was \$500. A lady bought it at a discount of 14%. How much did she pay for it?

$$\text{Regular Price} = \$500$$

$$\text{Discount} = 14\%$$

$$\text{Sale Price} = ?$$

$$\text{Discount} = 14\% \text{ of } 500$$

$$= \frac{14 \times 500}{100}$$

$$= \underline{\underline{70}}$$

$$\text{Sale Price} = 500 - 70$$

$$= \underline{\underline{\$430}}$$

- 4) A shopkeeper wants to have a storewide sale with 12% discount on all advertised prices. What is his regular price if the sale price on an item is \$599.28. (AB Pg 83)

$$\text{Discount} = 12\%$$

$$\text{Sale Price} = \$599.28$$

$$\text{Regular Price} = ?$$

Regular Price	Sale Price
100	$100 - 12 = 88$
Regular Price	599.28

$$100 \times 599.28 = \text{Regular Price} \times 88$$

$$\frac{59928}{88} = \text{Regular Price}$$

$$\underline{\underline{\$681}} = \text{Regular Price}$$