

Calculating Prices

Using Discounts and Tax Rates

Name: _____ Date: _____



Find the price of each product after a discount and tax is applied.

(1) Surf board: \$252.45
Discount Rate: 4%
Tax Rate: 6%

(2) Board game: \$14.75
Discount Rate: 20%
Tax Rate: 3%

(3) Wooden toy: \$14.85
Discount Rate: 11%
Tax Rate: 3%

(4) Leather jacket: \$201.99
Discount Rate: 7%
Tax Rate: 4%

(5) Phone charger: \$15.35
Discount Rate: 40%
Tax Rate: 5%

(6) Basketball shoes: \$65.49
Discount Rate: 3%
Tax Rate: 3%

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ANSWER KEY



Find the price of each product after a discount and tax is applied.

(1) Surf board: \$252.45

Discount Rate: 4%

Tax Rate: 6%

$$\text{Discount: } 252.45 \times 0.04 = \$10.10$$

$$\text{Price: } 252.45 - 10.10 = \$242.35$$

$$\text{Tax: } 242.35 \times 0.06 = \$14.54$$

$$\text{Total: } 242.35 + 14.54 = \$256.89$$

(2) Board game: \$14.75

Discount Rate: 20%

Tax Rate: 3%

$$\text{Discount: } 14.75 \times 0.20 = \$2.95$$

$$\text{Price: } 14.75 - 2.95 = \$11.80$$

$$\text{Tax: } 11.80 \times 0.03 = \$0.35$$

$$\text{Total: } 11.80 + 0.35 = \$12.15$$

(3) Wooden toy: \$14.85

Discount Rate: 11%

Tax Rate: 3%

$$\text{Discount: } 14.85 \times 0.11 = \$1.63$$

$$\text{Price: } 14.85 - 1.63 = \$13.22$$

$$\text{Tax: } 13.22 \times 0.03 = \$0.40$$

$$\text{Total: } 13.22 + 0.40 = \$13.62$$

(4) Leather jacket: \$201.99

Discount Rate: 7%

Tax Rate: 4%

$$\text{Discount: } 201.99 \times 0.07 = \$14.14$$

$$\text{Price: } 201.99 - 14.14 = \$187.85$$

$$\text{Tax: } 187.85 \times 0.04 = \$7.51$$

$$\text{Total: } 187.85 + 7.51 = \$195.36$$

(5) Phone charger: \$15.35

Discount Rate: 40%

Tax Rate: 5%

$$\text{Discount: } 15.35 \times 0.40 = \$6.14$$

$$\text{Price: } 15.35 - 6.14 = \$9.21$$

$$\text{Tax: } 9.21 \times 0.05 = \$0.46$$

$$\text{Total: } 9.21 + 0.46 = \$9.67$$

(6) Basketball shoes: \$65.49

Discount Rate: 3%

Tax Rate: 3%

$$\text{Discount: } 65.49 \times 0.03 = \$1.96$$

$$\text{Price: } 65.49 - 1.96 = \$63.53$$

$$\text{Tax: } 63.53 \times 0.03 = \$1.91$$

$$\text{Total: } 63.53 + 1.91 = \$65.44$$