

Graduated Commission

Numeric Response

1. A commission is an amount of money that you are paid for selling a product or service. Your commission rate may be a specified amount of money for each sale or it may be a percent of the total value of your sales. A graduated commission offers a different rate of commission for each of several levels of sales.

$$\text{Commission} = \text{commission_Rate} \times \text{Total_Sales}$$

$$\text{Total_Graduated_Commission} = \text{Sum_of_Commissions_for_All_Levels_of_Sales}$$

Shannon sells tools. She is paid a commission of 7.89 percent of her first \$1,100 in sales during the week and 15 percent on all sales over \$1,100. What is her commission in a week during which she sells \$1,928.25 worth of tools? Express your answer as a dollar amount and round to the nearest cent.

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Shannon sells windows. She is paid a commission of 7.69 percent of her first \$1,600 in sales during the week and 12 percent on all sales over \$1,600. What is her commission in a week during which she sells \$3,437.42 worth of windows? Express your answer as a dollar amount and round to the nearest cent.

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Rosa sells cosmetics. She is paid a commission of 3.16 percent of her first \$1,500 in sales during the week and 11 percent on all sales over \$1,500. What is her commission in a week during which she sells \$2,137.38 worth of cosmetics? Express your answer as a dollar amount and round to the nearest cent.

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Dora sells appliances. She is paid a commission of 6.83 percent of her first \$1,300 in sales during the week and 14 percent on all sales over \$1,300. What is her commission in a week during which she sells \$2,717.18 worth of appliances? Express your answer as a dollar amount and round to the nearest cent.

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Becky sells equipment. She is paid a commission of 4.71 percent of her first \$1,700 in sales during the week and 11 percent on all sales over \$1,700. What is her commission in a week during which she sells \$3,265.49 worth of equipment? Express your answer as a dollar amount and round to the nearest cent.

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Becky sells cosmetics. She is paid a commission of 9.00 percent of her first \$1,900 in sales during the week and 12 percent on all sales over \$1,900. What is her commission in a week during which she sells \$3,872.93 worth of cosmetics? Express your answer as a dollar amount and round to the nearest cent.

**Graduated Commision
Answer Section**

NUMERIC RESPONSE

1. ANS: 211.03

PTS: 1

2. ANS: 343.53

PTS: 1

3. ANS: 117.51

PTS: 1

4. ANS: 287.20

PTS: 1

5. ANS: 252.27

PTS: 1

6. ANS: 407.75

PTS: 1

