



# Commission %&

Commission is a percentage of the product sale price. If a product sale price is \$100, and the commission is 10%, a salesperson will get \$10 in commission. Find out the commission of each salesperson below.

1. Today Troy sold a \$500 flat screen television and a \$600 refrigerator. The commission for selling a television is 2% and 3% for selling a refrigerator. How much commission did Troy earn today?



$$\text{Television } \frac{500 \times 2}{100} = \$10 \quad \text{Refrigerator } \frac{600 \times 3}{100} = \$18$$

$$\text{Total Commission earned today} = 10 + 18 = \$28$$

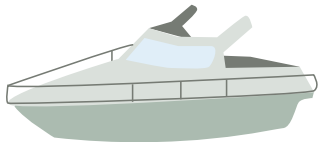
2. Peter sold two cars today. The red car costs \$10,000 and he will get 1% commission. The blue car costs \$12,000 and he will get 2% commission. How much commission will Peter get from selling these two cars?



$$\text{Red car } \frac{10,000 \times 1}{100} = \$100 \quad \text{Blue car } \frac{12,000 \times 2}{100} = \$240$$

$$\text{Total Commission earned today} = 100 + 240 = \$340$$

3. Donna sold a boat. The price is \$50,000. Her commission is 0.1%. How much commission will she get?

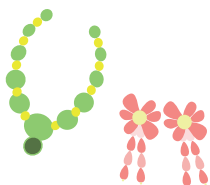


$$\text{Boat } \frac{50,000 \times 0.1}{100} = \$50$$

$$\text{Total Commission earned today} = \$50$$

## Challenge

Rosie sold an emerald necklace that cost \$7,500 and she will get 1% commission. She sold ruby earrings that cost \$2,000 and she will get 4% commission. Which piece of jewelry gives her more commission?



$$\text{Emerald necklace } \frac{7500 \times 1}{100} = \$75 \quad \text{ruby earring } \frac{2000 \times 4}{100} = \$80$$

Selling the ruby earrings gives her more commission.