

Bill: \$40 Tip Rate: 15%

To find the tip amount:

$$\text{price} \cdot \text{tip rate} = \text{tip}$$
$$40 \cdot 15\% = \$6 \rightarrow$$

Total

$$\text{price} + \text{tip} = \text{total}$$
$$40 + 6 = \$46 \rightarrow$$

To find the total for the bill:

$$\text{price} \cdot (100\% + \text{tip rate}) = \text{total}$$
$$40 \cdot (100\% + 15\%)$$
$$40 \cdot 115\% = \$46 \rightarrow$$

At Olive Garden your bill was \$32.73 including tax. How much tip should you leave, if you tip 15%? Solve:

Gratuities / Tip

Commissions
Price: \$30,000 Commission Rate: 20%

To find commission:

$$\text{price} \cdot \text{commission rate} = \text{commission}$$
$$30,000 \cdot 20\% = \$6,000$$

Jack earns a 15% commission on his sales. In February he sold \$2700, how much was his commission?

Brittany is paid \$5000 a month plus commission. She gets 8% of what she sells. Brittany sold \$900 this month, what is her salary this month?