

Online Shopping

When you place an order online, there is a shipping fee. Help the shoppers below figure out their shipping fees.

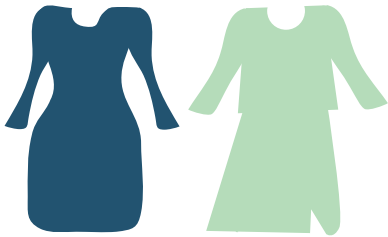
1. Alisa ordered a handbag that costs \$50. The shipping fee is 12%. How much will she pay in total?



$$\text{Shipping fee } \frac{50 \times 12}{100} = 6$$

$$\text{Total} = 50 + 6 = \$56$$

2. Joy ordered two dresses. The first one costs \$200 and the second one costs \$150. The shipping fee is 10%. How much will she pay in total?

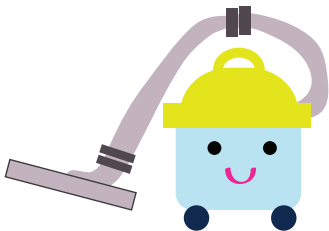


$$\text{Shipping fee } \frac{(200+150) \times 10}{100}$$

$$\frac{350 \times 10}{100} = 35$$

$$\text{Total} = 350 + 35 = \$385$$

3. Jenn ordered a vacuum cleaner which cost \$180. The shipping fee is 7%. How much will she pay in total?

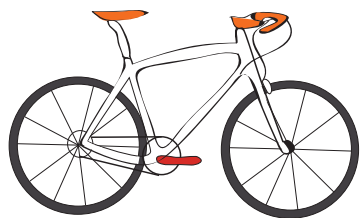


$$\text{Shipping fee } \frac{180 \times 7}{100} = 12.6$$

$$\text{Total} = 180 + 12.60 = \$192.60$$

Challenge

Roy wants to order a bicycle. The red bicycle costs \$300. The shipping fee is 5%. The blue bicycle costs \$350, and the shipping fee is 2%. What bicycle should Roy order so the total price is cheaper?



$$\text{red bicycle shipping fee } \frac{300 \times 5}{100} = 15$$

$$\text{Total cost} = 300 + 15 = \$315$$

$$\text{blue bicycle shipping fee } \frac{350 \times 2}{100} = 7$$

$$\text{Total cost} = 350 + 7 = \$357$$

Roy should order the red bicycle.