

Sales Tax — Step by Step

A guided introduction · 6% sales tax

NAME

DATE

What Is Sales Tax?

When you buy something at a store, the store adds **sales tax** to the price. The tax rate on this worksheet is **6%**.

Here is how to find the total cost in one step:

$$\text{Total Cost} = \text{Price} \times 1.06$$

The **1** keeps the original price. The **0.06** adds the 6% tax. Together they give you the total in one multiplication.

$$\text{Example: } \$5.00 \times 1.06 = \$5.30$$

Your budget is \$30.00. If the total costs more than \$30.00, you cannot afford it.

Quick Reference — use this to check your work

Price Before Tax	Total Cost ($\times 1.06$)
\$5.00	\$5.30
\$10.00	\$10.60
\$15.00	\$15.90
\$20.00	\$21.20
\$25.00	\$26.50
\$30.00	\$31.80

1. Baseball Cap — price before tax \$15.00

Step 1 — total cost: $\$15.00 \times 1.06 = \$$

Step 2 — can you afford it with \$30.00?

☐ YES

☐ NO

(circle one)

If YES, how much money is left over? \$

2. Umbrella — price before tax \$10.00

Step 1 — total cost: $\$10.00 \times 1.06 = \$$

Step 2 — can you afford it with \$30.00?

☐ YES

☐ NO

(circle one)

If YES, how much money is left over? \$

3. Folding Chair — price before tax \$30.00

Step 1 — total cost: $\$30.00 \times 1.06 = \$$

Step 2 — can you afford it with \$30.00?

☐ YES

☐ NO

(circle one)

If YES, how much money is left over? \$

4. Earbuds — price before tax \$25.00

Step 1 — total cost: $\$25.00 \times 1.06 = \$$

Step 2 — can you afford it with \$30.00?

YES

NO

(circle one)

If YES, how much money is left over? \$

5. Ankle Socks — price before tax \$5.00

Step 1 — total cost: $\$5.00 \times 1.06 = \$$

Step 2 — can you afford it with \$30.00?

YES

NO

(circle one)

If YES, how much money is left over? \$

Think about it

In Problem 3, the folding chair costs exactly \$30.00 and your budget is \$30.00. Why couldn't you afford it?