

Ready-to-Wear

EXAMPLE

Jordan is going on his first winter camping trip. He needs to buy warm camping clothes. In the newspaper, he finds an ad for a camping supply sale. Jordan bought 2 pairs of wool socks for \$6.99 each, a waterproof jacket for \$55.00, and 2 pairs of thermal underwear for \$12.50 each. The state sales tax is 5.25%. What is his total cost?

Step 1 Multiply, then add to find the total cost.

$$\begin{array}{r} 2 \text{ pairs wool socks @ } \$6.99 = \$13.98 \\ \text{Jacket @ } \$55.00 = 55.00 \\ 2 \text{ pairs underwear @ } \$12.50 = + 25.00 \\ \hline \$93.98 \end{array}$$

Step 2 Multiply the cost by the sales tax rate.

Round to the next higher cent. (Note: some states use rounding to nearest cent, others raise to the next cent.)

$$\begin{array}{r} \$93.98 \text{ Cost of clothes} \\ \times .0525 \text{ Tax rate} \\ \hline \$4.93395 \text{ Sales Tax} = \$4.94 \text{ Sales tax} \end{array}$$

Step 3 Add the sales tax to the cost to find the total amount Jordan will pay.

$$\begin{array}{r} \$93.98 \text{ Cost of clothes} \\ + 4.94 \text{ Sales Tax} \\ \hline \$98.92 \text{ Total Amount} \end{array}$$

Jordan paid \$98.92 for his purchases.

Directions Find the cost of each set of purchases. Find the sales tax, rounding to the next higher cent. Then add the sales tax to the cost to find the total amount paid.

	Shopper	Purchases	Cost of Purchases	Tax Rate	Sales Tax	Total Amount Paid
1.	Serena	2 bathing suits @ \$29.00 flippers, \$18.79		5%		
2.	Boris	hiking boots, \$104.59 4 pair socks @ \$12.99		6%		
3.	Jane	poncho, \$49.99 boots @ \$29.99		7%		
4.	Liu	backpack, \$149 ⁰⁰ 2 kercheifs, @ \$5 ⁰⁰		4%		
5.	Raven	pocket pants, \$29.99 5 pairs sweats, \$39.99		4%		
6.	Bob	ski gloves, \$24.97 3 scarves @ \$5.85		5%		
7.	Myan	sun hat, \$7 ⁹⁹ shorts, \$14.97		3.5%		