

Practice

1. Determine the lower unit price.

a) 2000 nails for \$54.99 *or* 5000 nails for \$119.99

b) Swiss cheese at \$4.59 for 170 g *or* havarti at \$2.29/100 g

c) Yogurt: 650 g for \$2.99 *or* 800 g for \$5.59

d) Roast chicken at \$2.29/100 g *or* ham at \$3.29/175 g

e) 3.78 L of house paint for \$39.95 *or* 237 mL for \$6.49

2. Candace needs to replace two of her winter tires. She finds the following prices.

- Main Street Tire: 1 tire for \$82.15
- Tom's Automotive Shop: 2 tires for \$140.56

Which store offers the better price for Candace?



3. Henry needs a small amount of paint for a bathroom wall. He can pay either \$32.97 for 3.8 L of paint *or* \$15.49 for 950 mL. Which would be the better buy? Explain your thinking.

4. Carol-Hui is buying orange juice. Which has the better unit price?

- Concentrated orange juice: \$1.85 for 355 mL; mix with 3 cans (355 mL each) of water to serve
- Ready-to-serve orange juice: \$2.99 for 1.89 L

5. Vince wants to hire a contractor to finish his basement. He got quotes from two companies.

Company name	Experience	Customer satisfaction	Hourly rate	Estimated time	Cost of supplies
Frank & Sons Contractors	well-known and experienced	98%	\$70/h	24 h	\$2000
Design and Build Team	new to the business	79%	\$50/h	28 h	\$2200

a) What would each company charge in total?

b) Which would be the better option? Explain your thinking.

6. Which is the better unit price?

a) pop at \$1.99 for 2 L or 55¢ for 355 mL

b) beef at \$4.99/lb or \$8.50/kg