

Unit Prices

Name: _____

Rates are special ratios where the two things being compared have different units. For example, we could compare the price of purchasing things to the number of things bought. An example of a rate would be \$16 for 8 red peppers. This rate can be used to find the unit price.

Example: $\frac{\$16}{8 \text{ peppers}} = \frac{16 \div 8}{8 \div 8} = \frac{2}{1} = \2 per pepper

Find the unit prices for the following questions.

1. Sampreet bought 3 pairs of flip-flops for \$12.60. _____
2. Caleb charges \$100 to plow snow out of a driveway 5 times. _____
3. A dozen eggs cost \$2.60. _____
4. Xin works at a laundromat. For an extra fee he will fold the freshly cleaned laundry. He charges \$5.00 for 30 items. _____

Find the total cost when given the unit rate.

5. Hannah wants to buy 6 cucumbers at a rate of \$1.25/cucumber. How much will it cost?

6. Gasoline is \$4.20 per gallon. How much will it cost Henrico to purchase 25 gallons?

7. A rose cost \$3.40. How much will it cost to buy a dozen roses?

8. A small paperback book costs \$4.80. Miss Bates wants to purchase 30 copies for her class. How much will this cost?

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