

Name: ..... Class: .....

## Unit prices

- a. A packet of pencils containing 10 pencils cost \$4.00. What is the unit price?
- b. 2 liters of milk cost \$3.80. What is the unit price?
- c. 1.5 quart ice cream cost \$5.49. what is the unit price?
- d. 7 boxes of chicken nuggets cost \$25.90. What is the unit price?
- e. A packet of color pencils containing 12 pencils cost \$14.00. What is the unit price?
- f. 2 liters of soda cost \$7.95. What is the unit price?
- g. 1 quart ice cream cost \$12.63. what is the unit price?
- h. 5 boxes of chicken nuggets cost \$19.25. What is the unit price?
- i. 5 liters of milk cost \$9.99. What is the unit price?
- j. 1.5 quart ice cream cost \$5.49. what is the unit price?
- k. 4 boxes of chicken thigh cost \$37.15. What is the unit price?

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Unit prices

a. A packet of pencils containing 10 pencils cost \$4.00. What is the unit price?

Cost of 10 pencils = \$4.00.

Quantity of pencils = 10.

$$\text{Therefore, the unit price} = \frac{\text{cost of pencils}}{\text{quantity}} = \frac{\$4.00}{10} = \$0.4$$

So, the unit price is \$0.4 per pencil.

b. 2 liters of milk cost \$3.80. What is the unit price?

Cost of 2 liters of milk = \$3.80.

Quantity of milk = 2 liters.

$$\text{Therefore, the unit price} = \frac{\text{cost of milk}}{\text{quantity}} = \frac{\$3.80}{2} = \$1.9$$

So, the unit price is \$1.9 per liter of milk.

c. 1.5 quart ice cream cost \$5.49. what is the unit price?

Cost of 1.5 quart ice cream = \$5.49.

Quantity of ice cream = 1.5 quart.

$$\text{Therefore, the unit price} = \frac{\text{cost of ice cream}}{\text{quantity}} = \frac{\$5.49}{1.5} = \$3.66$$

So, the unit price of ice cream is \$3.66.

d. 7 boxes of chicken nuggets cost \$25.90. What is the unit price?

Cost of 7 boxes of chicken nuggets cost \$25.90.

Quantity = 7 boxes.

$$\text{Therefore, the unit price} = \frac{\text{cost of nugglets}}{\text{quantity}} = \frac{\$25.90}{7} = \$3.7$$

So, the unit price of a box of chicken nugglets is \$3.7.