

Rates and Unit Rates

A **rate** is a kind of ratio. Rates compare two numbers with different units of measurement as a fraction. The division bar is read as **per**.

A **unit rate** is a kind of rate that compares one number to a single unit of the other number.

example: A bag with 35 pieces of candy is priced at \$7.

As a rate:

$$\frac{35 \text{ pieces of candy}}{\$7}$$

As a unit rate:

$$\frac{5 \text{ pieces of candy}}{\$1}$$

Note: like all ratios, rates can be expressed two ways. E.g., \$7 per 35 pieces of candy with a unit rate of \$0.20 per 1 piece of candy.



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- c. 16 children and 8 adults

rate:

unit rate:

- d. 240 flowers grown in 12 gardens

rate:

unit rate:

Name: _____

Basic

Rates and Unit Rates

- e. 48 students in 6 classrooms

rate:

unit rate:

- f. 110 miles in 2 hours

rate:

unit rate:

- g. 6 cups flour to 2 cups sugar

rate:

- h. 144 bags of chips in 12 boxes

rate:



- i. 95 cards in 19 packs

rate:

unit rate:

- j. 175 leaves on 7 plants

rate:

unit rate:

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Rates and Unit Rates

e. 48 students in 6 classrooms

rate: **48 students**

f. 110 miles in 2 hours

rate: **110 miles**

Preview

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1 pack

1 plant