

Find Unit Ratios

2 Methods

- a. proportion
- b. divide

Unit rate is the rate per one unit. Unit rates can be found by division or by proportion.

Example. 20 tickets cost \$100, find the cost per ticket, the unit rate.
Cost/ ticket; $\$100/20$, which equals $5/1$ or \$5 per ticket.

$$\begin{array}{r} 5 \\ 20 \overline{)100} \end{array}$$

Hint: Money typically is written in the numerator

Find the following unit rates – round your answers to the nearest hundredths.

1. \$14 for 4 books.
2. 13 chocolate bars for \$18.
3. 95 miles on 9 gallons of gas.
4. 7 movie tickets cost \$40.
5. 5 calculators cost \$140
6. Mowed 5 lawns for \$35.
7. 7 lunches for \$28.49
8. 12 tickets for \$160
9. A dozen bags of chips for \$16.20
10. Type 204 words in 5 minutes