I. Rates (p.467): the rate of “a per b” is expressed by \( \frac{a}{b} \) often units of measurement are included in which case the denominator is usually one...

\[ e.g., \ 30 \text{ miles per hour} = \frac{30\text{mi}}{1\text{hr}} \text{ or } 30\frac{\text{mi}}{\text{hr}} \]

II. Examples (p.470-472): Exer. #2, 4, 8, 12, 14, 20, 22

III. Unit Price (p.473): cost ÷ amount

\[ e.g., \text{ if } 13.308 \text{ gal of gas cost } $45.50 \]

then, cost per gallon = \( \frac{\$45.50}{13.308 \text{ gal}} \approx $3.419/\text{gal} \)
III. Examples (p.472): Exercises #26,30

HW: pp.470-473 / Exercises #1-23(odd),27,31,35,37,39

Read pp.474-477 (section 7.3)