

Ch2.6 Ratios and Proportions.

→ The Ratio of the number a to the number b is written *a to b*, $a:b$, $\frac{a}{b}$

→ **Ratio** is a **comparison** of two quantities using a **quotient**.

→ **Proportion** is that two ratios are equal. $\frac{a}{b} = \frac{c}{d}$ then $ad = bc$. (Cross products)

Ex1) a) Show the ratio of 5hr to 3hr.

b) Show the ratio of 6hr to 3days as hours.

Ex2) Which size is the best buy?

Size	Price
18oz	\$1.50
40oz	\$4.14
64oz	\$6.29

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Ex3) Decide whether each proportion is true or false.

a) $\frac{3}{4} = \frac{15}{20}$

b) $\frac{6}{7} = \frac{30}{20}$