

Ratio and Fractions — Cheat Sheet

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RATIO AND FRACTIONS

1. Total the ratio parts.
2. Fraction = that side's number over the total.
3. Backwards: fraction $a/b \rightarrow$ ratio $a : (b - a)$.
4. Then use fraction-of-amount to get counts.

Examples: $3:2 \rightarrow 3/5$ and $2/5 \cdot 5:3$ of 24 $\rightarrow$ 15 and 9.