



Ratio & rate reasoning

Use ratios to solve real problems

- Today: pick a tool — table, unit rate, or scaling — and solve.

How much rice for 10 people?

- A recipe for 4 people uses 6 cups of rice.

Turn & talk: how would you figure it out?

Three tools, one idea

- Ratio table: build up the rows
- Unit rate: find the amount for 1, then multiply
- Scaling: multiply both parts by the same number

Rice for 10 people

- $6 \text{ cups} \div 4 \text{ people} = 1.5 \text{ cups per person}$
- $1.5 \times 10 = 15 \text{ cups}$

Which class is faster?

- Class A: 12 trees in 3 h $\rightarrow$ 4 trees/h
- Class B: 18 trees in 6 h $\rightarrow$ 3 trees/h

Compare the RATE, not the totals.

Your turn

- A car goes 90 miles on 3 gallons. How far on 8 gallons?
- Thumbs up when you have it.

Watch out: compare rates, not totals

- A bigger total does not mean better or faster
- Find the per-one rate first, then compare

Now you

- → In-class practice sheet