

Model Drawing Starter Guide

Use models to see the relationship before solving.

P3 - P6

Problem Sums - Model Drawing

Prep before class. Practise after class. Fix mistakes. Track progress.

Core idea

- A model helps you see part-whole, comparison, difference and total.

When to draw

- Quantities are compared
- There is a total
- There is a difference
- Before-after information is confusing

Main model types

- Part-whole model
- Comparison model
- Difference model
- Before-after model

Teacher Hidayah's steps

- Circle what is asked.
- Label every bar.
- Mark total/difference clearly.
- Find units or relationship.
- Convert model to calculation.

Common mistakes

- No labels
- Wrong number of units
- Drawing equal bars when quantities are not equal
- Answering wrong person/quantity

Practice prompt

- Ali has 3 times as many stickers as Ben. Together they have 56 stickers. Draw a comparison model.