

1 Warm-up: ± 100 Mental Math

2-min Fluency Warm-up — Mental math.

$300 + 100 = \underline{\hspace{2cm}}$

$500 - 100 = \underline{\hspace{2cm}}$

$200 + 100 = \underline{\hspace{2cm}}$

$800 - 100 = \underline{\hspace{2cm}}$

2 Strategy: Draw a Picture

Problem Solving Strategy #1: Draw a Picture

When a problem is hard to picture in your head, draw it!

Problem: There are 24 apples in the basket. 12 are red and the rest are green. How many are green?

Draw: 24 circles total, color 12 red, count the rest

Answer: $24 - 12 = 12$ green

Problem: There are 45 seats on the bus. 28 seats are full. How many empty seats?

Draw a bar: 45 total, 28 filled, find the gap

Answer: $45 - 28 = 17$ empty

3 Practice — Draw It

Read carefully — what's happening in the story? Then draw a picture to help you solve.

The garden has 56 flowers. 23 are roses and the rest are tulips. How many tulips?

My answer: $\underline{\hspace{2cm}}$ tulips

There are 72 students at the field trip. 38 are in 2nd grade. How many are NOT in 2nd grade?

My answer: $\underline{\hspace{2cm}}$ students

4 Two-Step Word Problem

This is a two-step problem. Draw to help!

The class collected 84 cans for recycling. On Monday they got 32 cans. On Tuesday they got 28 cans. How many cans did they get on Wednesday?

Step 1: $\underline{\hspace{2cm}}$

Wednesday: $\underline{\hspace{2cm}}$ cans

5 Number Talk

Number Talk

Which problem would be EASIER to draw for? Explain.

A: $345 + 267 = ?$

My thinking: _____

B: There are 48 red blocks and 35 blue blocks. How many more red than blue?

My thinking: _____