Unit 3, Lesson 20

More Practice to Represent and Solve

Let's represent and solve more problems.

Warm-up

Number Talk: Two Steps

Find the value of each expression mentally.

- $20 + (2 \times 3)$

- $30 + (4 \times 3)$

- $50 + (8 \times 3)$

- $99 + (8 \times 3)$

Activity 1

Info Gap: Introduction

Problem Card

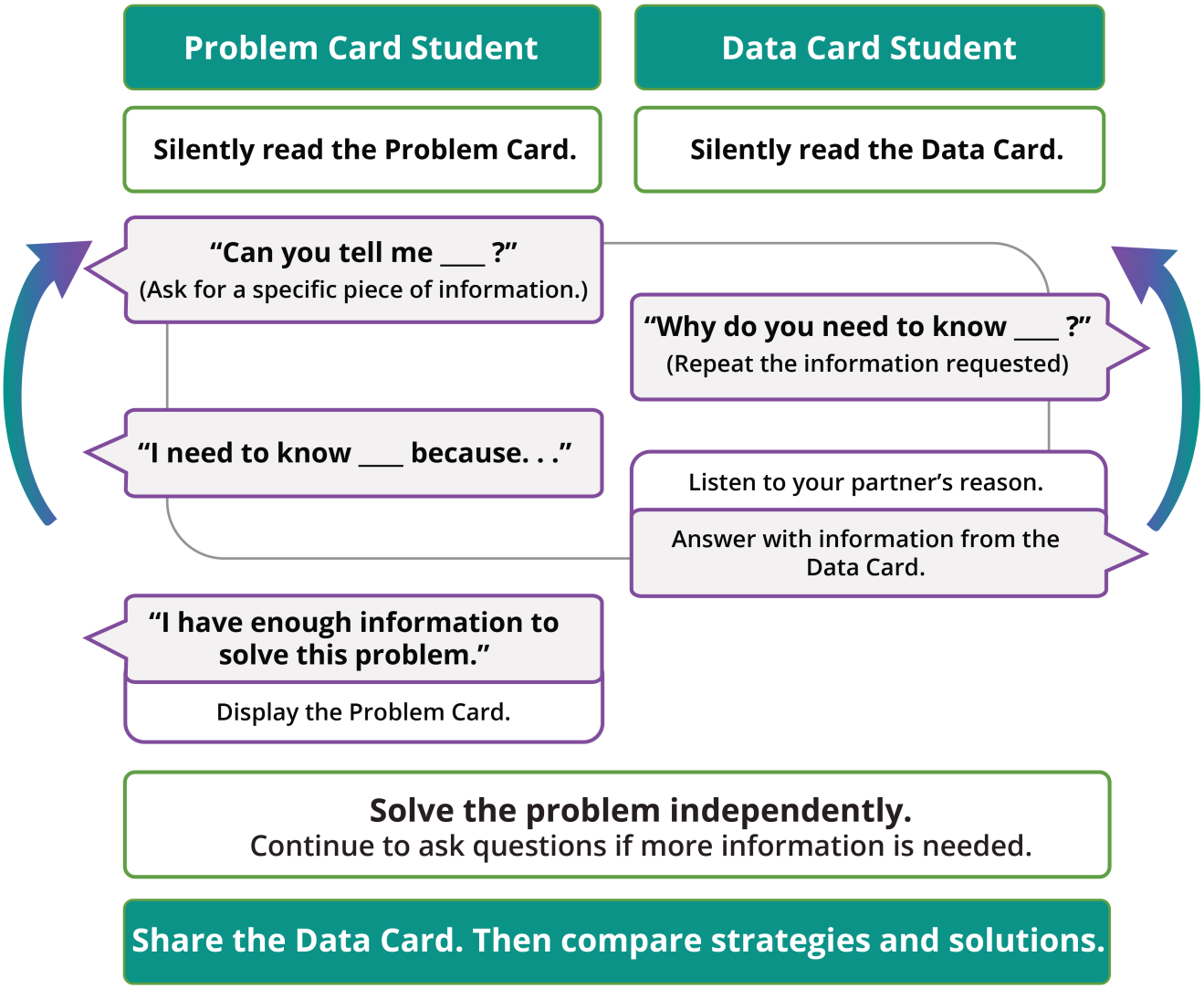
A room has some chairs set up in rows and some chairs stacked up in a corner.

How many chairs are in the room?

Activity 2

Info Gap: Bake Sale

Your teacher will give you either a Problem Card or a Data Card. Do not show or read your card to your partner.



Pause here so your teacher can review your work.

Ask your teacher for a new pair of cards and repeat the activity, trading roles with your partner.

Section D Summary

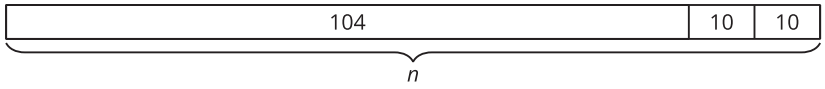
We used rounding to estimate answers to problems. This helped us decide if our answers to problems made sense, based on the situation and the numbers in the situation.

We also wrote equations with an unknown and used diagrams to solve for the exact answer in problems.

Situation with an unknown:

Mai had 104 beads. She bought 2 more packs of beads and each pack has 10 beads in it. How many beads does she have now?

Diagram with an unknown:



Equation with an unknown:

$$104 + (2 \times 10) = n$$