



# Problems with Missing Information

Let's find out what information is needed to solve problems about measurements at the fair.



## Estimation Exploration: Giant Pumpkin

Each regular pumpkin in this field weighs between 4 and 10 kilograms.

How many kilograms do you think the giant pumpkin weighs?



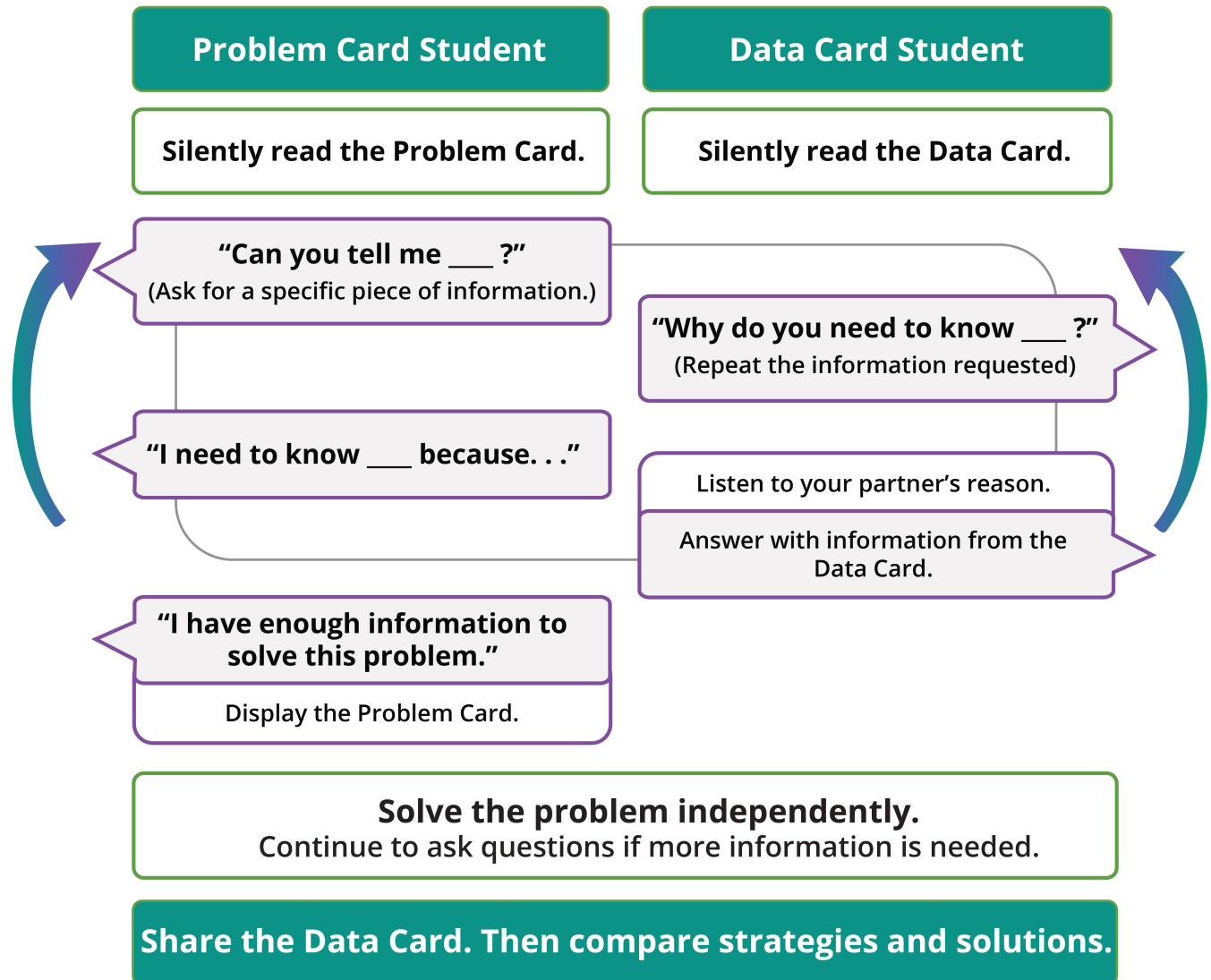
Record an estimate that is:

| too low | about right | too high |
|---------|-------------|----------|
|         |             |          |

## Activity 1

### Info Gap: Pumpkin Weigh-Off

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 set of cards and repeat the activity, trading roles with your partner.

## Activity 2

### Info Gap: Pig Weigh-Off

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

Use the same *Information Gap* routine to solve the problem. Then pause so your teacher can review your work.

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

