



# Fraction Multiplication and Division Situations

Let's solve problems involving multiplying and dividing fractions.

## Warm-up

### Number Talk: Multiply and Divide

Find the value of each expression mentally.

- $5 \div \frac{1}{6}$

- $5 \times \frac{1}{6}$

- $\frac{1}{5} \div 6$

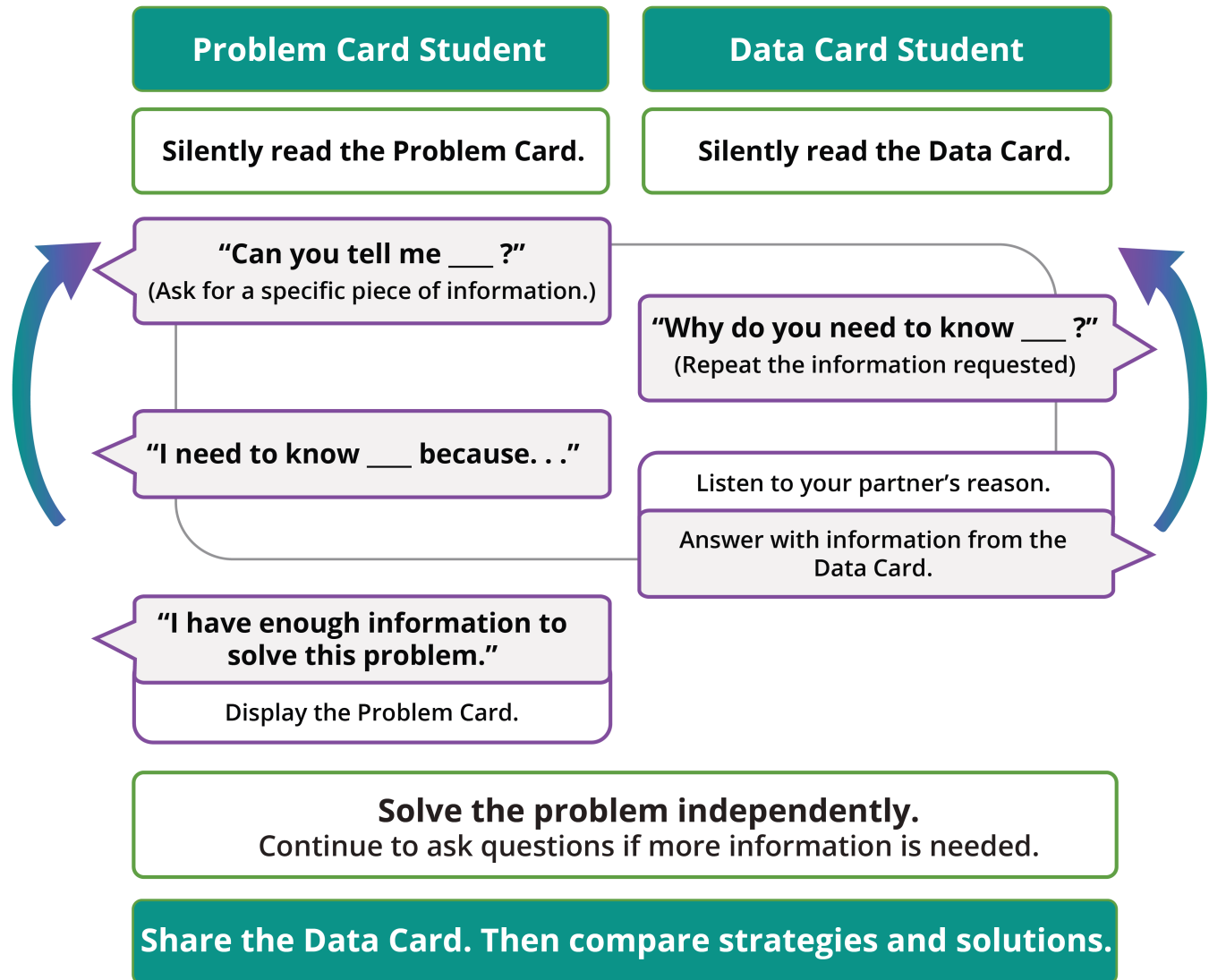
- $\frac{1}{5} \times \frac{1}{6}$



## Activity 1

### Info Gap: Tiles

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

### Multiplication or Division

Solve each problem. Explain or show your reasoning.

1. If 11 grains of rice weigh  $\frac{1}{3}$  gram, how much does each grain of rice weigh?
2. Mai's road is  $\frac{9}{10}$  mile long. She ran  $\frac{3}{4}$  of the length of her road. How far did she run?
3. If each tennis ball weighs  $2\frac{1}{16}$  ounces, how much do 9 tennis balls weigh?

