

Lesson 14: Area Situations

- Let's apply what we've learned about fraction multiplication.

Warm-up: Number Talk: Multiply Fractions

Find the value of each expression mentally.

- $3 \times (10 \div 2)$

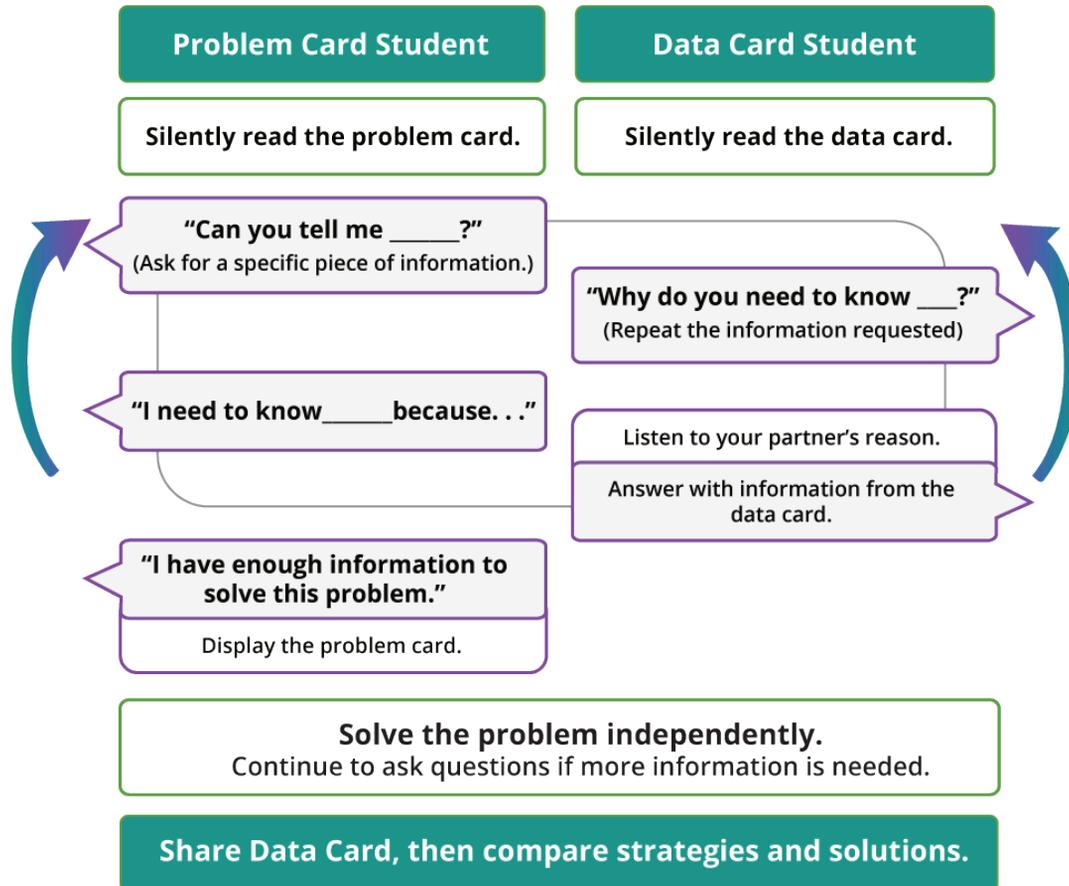
- $\frac{3}{2} \times 10$

- $(\frac{14}{7}) \times 10$

- $14 \times \frac{10}{7}$

14.1: Info Gap: Area

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.

14.2: Fill in the Blank

Fill in the blanks to make each equation true. Be prepared to explain your reasoning.

$$1. \frac{1}{3} \times 18 = \underline{\hspace{2cm}}$$

$$2. \frac{7}{9} \times \underline{\hspace{2cm}} = \frac{21}{9}$$

$$3. \frac{1}{15} \times \underline{\hspace{2cm}} = 2$$

$$4. 9 \times 6\frac{2}{3} = \underline{\hspace{2cm}}$$

$$5. 14\frac{99}{100} \times 10 = \underline{\hspace{2cm}}$$

$$6. 7\frac{3}{5} \times 6 = \underline{\hspace{2cm}}$$

$$7. 4 \times 6\frac{9}{10} = \underline{\hspace{2cm}}$$