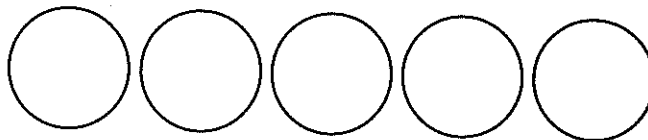
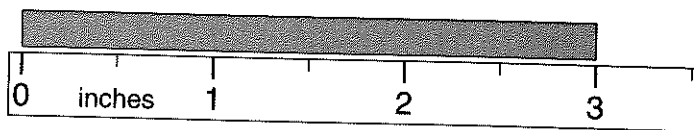


LESSON
8•12
Number Stories: Division with Fractions

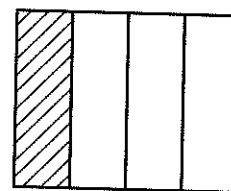

1. Five pies will each be sliced into fourths.
Ira would like to find out how many slices there will be in all.



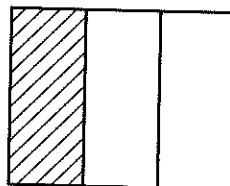
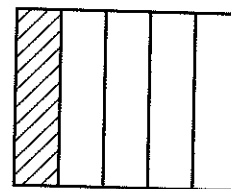
- a. Show how the pies will be cut.
- b. The drawings show that $5 \div \frac{1}{4} = \underline{\hspace{2cm}}$, so there will be _____ slices in all.
2. Jake has a 3-inch strip of metal.
He would like to find out how many $\frac{1}{2}$ -inch strips he can cut.



- Jake can cut _____ strips. So, $3 \div \frac{1}{2} = \underline{\hspace{2cm}}$.
3. Two students equally share $\frac{1}{4}$ of a granola bar. They would like to know how much of the bar each will get.



- a. Show how the piece of granola bar will be cut.
- b. The drawing shows that $\frac{1}{4} \div 2 = \underline{\hspace{2cm}}$, so each student will get _____ of a granola bar.
4. a. Drawing A can be used to find $\frac{1}{3} \div 5$.
Drawing B can be used to find $\frac{1}{3}$ of $\frac{1}{5}$,
or $\frac{1}{3} * \frac{1}{5}$. Use the drawings to show
that $\frac{1}{3} \div 5 = \frac{1}{3} * \frac{1}{5}$.

**A****B**

- b. Complete.

$$\frac{1}{3} * \frac{1}{5} = \underline{\hspace{2cm}}$$

$$\frac{1}{3} \div 5 = \underline{\hspace{2cm}}$$

$$\frac{1}{3} \div 5 = \frac{1}{3} * \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$