



Representations of Fractions (Part 2)

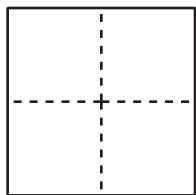
Let's name some other fractions and represent them with diagrams.

Warm-up

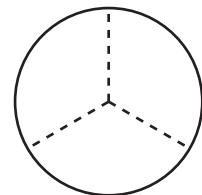
Which Three Go Together: All Cut Up

Which 3 go together?

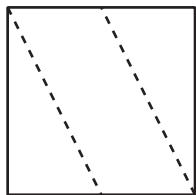
A



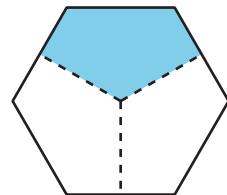
B



C



D



Activity 1

A Diagram for Each Fraction

Each whole diagram represents 1. Match each fraction to a diagram whose shaded part represents that fraction.

Two of the fractions are *not* represented. Use the blank diagrams to represent each of them.

$$\frac{2}{3} : \underline{\hspace{1cm}}$$

$$\frac{3}{8} : \underline{\hspace{1cm}}$$

$$\frac{4}{10} : \underline{\hspace{1cm}}$$

$$\frac{4}{6} : \underline{\hspace{1cm}}$$

$$\frac{6}{6} : \underline{\hspace{1cm}}$$

$$\frac{3}{5} : \underline{\hspace{1cm}}$$

$$\frac{4}{8} : \underline{\hspace{1cm}}$$

$$\frac{6}{12} : \underline{\hspace{1cm}}$$

$$\frac{6}{10} : \underline{\hspace{1cm}}$$

$$\frac{3}{4} : \underline{\hspace{1cm}}$$

$$\frac{5}{6} : \underline{\hspace{1cm}}$$

$$\frac{2}{5} : \underline{\hspace{1cm}}$$

$$\frac{5}{12} : \underline{\hspace{1cm}}$$

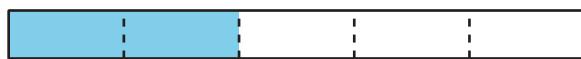
$$\frac{7}{10} : \underline{\hspace{1cm}}$$

$$\frac{7}{8} : \underline{\hspace{1cm}}$$

A



I



B



J



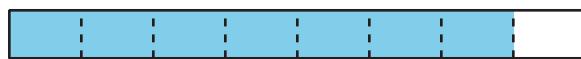
C



K



D



L



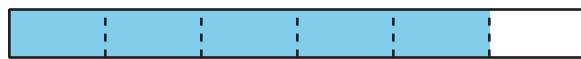
E



M



F



N



G



O



H

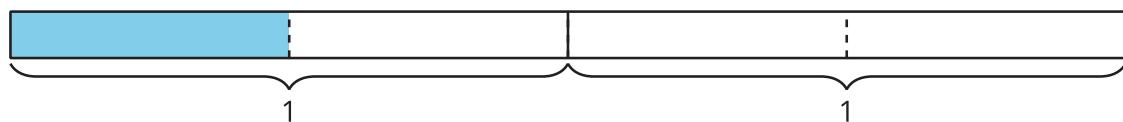


Activity 2

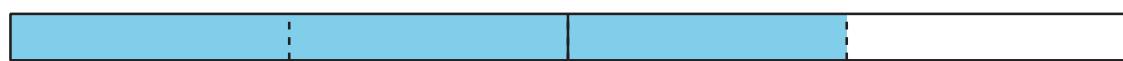
Diagrams for Some Other Fractions

1. What fraction does the shaded part of each diagram represent?

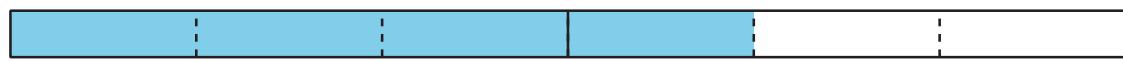
a.



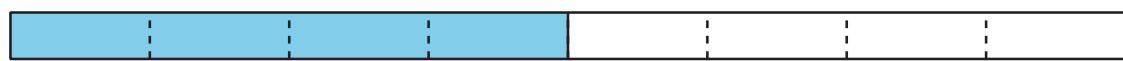
b.



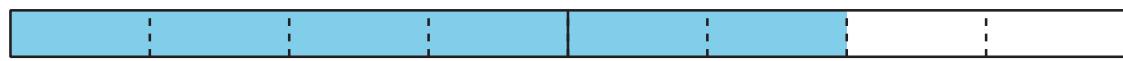
c.



d.

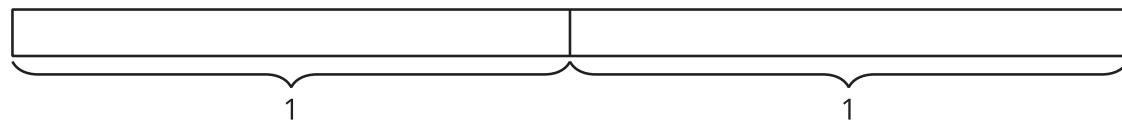


e.

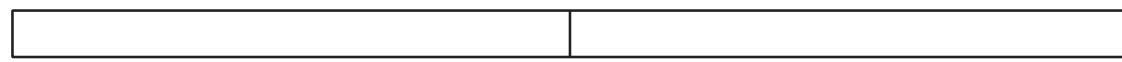


2. Here are 4 fractions and 4 blank diagrams. Partition each diagram and shade the parts to represent the fraction.

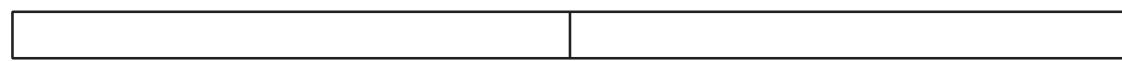
a. $\frac{2}{2}$



b. $\frac{4}{2}$



c. $\frac{5}{4}$



d. $\frac{10}{8}$

