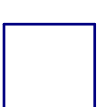


Partitive division: Finding the size of a set

Geometrically:

Given the size of a part of a set:	Find the size of the whole set:
1.  = $\frac{1}{3}$	
2.  = $\frac{3}{4}$	
3.  = $\frac{2}{5}$	
4.  = $\frac{4}{3}$	

5. Now write instructions to someone on how to do problems like this.

If the part is:

Do this to show how big the whole is:

$$\square = \frac{a}{b}$$

With word problems:

By using pictures, or by adapting your instructions from #5, solve each of these:

6. Tom has $\frac{1}{3}$ lb of candy. He has $\frac{3}{4}$ as much candy as it takes to fill a bag. How much candy is in a full bag?

7. Janet has $1\frac{1}{2}$ lbs of apples. She has $\frac{2}{3}$ as many apples as Karen. How many apples does Karen have?

8. Josh has 10 oz of juice. He has enough juice to fill $2\frac{1}{2}$ cups (2 full cups, and 1 cup half full). How much juice does each cup hold?

9. Marie is $4\frac{1}{2}$ feet tall. She is $1\frac{1}{2}$ times as tall as her little brother. How tall is her little brother?