Dividing Fractions Strategy #1 -

Visual Models

Connect

A bag of snack mix has a suggested serving size of 1/8 of a cup. There is 3/4 of a cup of the snack mix left. How many servings is that?

I do - whole number answer

A bag of snack mix has a suggested serving size of 1/8 of a cup. There is 3/4 of a cup of the snack mix left. How many servings is that?

I do - fractional answer

To make masks, Connie needs 1/6 of a meter of string. She has 3/4 of a meter of string she can cut to make masks. How many masks can she make?

We do - whole number answer

A batch of pancakes requires 1/6 of a pint of milk. Rhonda has 1/2 of a pint of milk. How many batches can she make?

We do

Stella makes punch to serve at her birthday party.
She decides that 1/10 of a bowl of her punch is just about
the right amount to serve. After drinking some of the punch
to test it out, she has 3/4 of the bowl left. How many servings
of punch can she give out at the party?

**You do together
on whiteboard**

A bag of snack mix has a suggested serving size of
1/5 of a cup. There is 7/10 of a cup of the snack
mix left. How many servings is that? Draw a visual
model to show your solution

**You do alone on
index card**

An architect unrolls a sheet of paper
to find that it is 2/3 of a meter long. For
his project, he decides to cut it into
pieces that are 1/9 of a meter long. How
many pieces will he be able to cut from
 the sheet? Draw a visual model to
show your solution.