# Unit 7 Module 3 Session 2

## Problems and Investigations-Introduction to Egg Carton Fractions

Getting Ready-

- Adding Machine Tape (see preparation)
- Ruler, 3"x3" sticky notes, markers
- Piece of chart paper
- Student journals

## Getting Ready-Con't

- Class set of 12-egg cartons (see note)
- Rug yarn (see preparation)
- 2 small whiteboard magnets, push pins, or masking tape
- 1 measuring tape

Word Resource Cards for *Numerator* and *Denominator*

Getting Ready-Con't

TM T1-Egg Carton Diagram (optional, see note)

TM  T1- Egg Carton Fractions

SB 238- Building & Sketching Unit Fractions

# Vocabulary

Denominator

Dozen

Equal

Feet

Fourth

Fraction

Half

Numerator


- Place fractions on the correct positions on a number line
- Identify equivalent fractions by comparing their sizes or their locations on a number line

12 feet

If I fold this sheet into 2 equal parts, how long will each side be?

Remove

6 feet

If I mark and fold this into 3 equal parts and open it back up to 12 feet, how many total equal parts will I have?

Remove

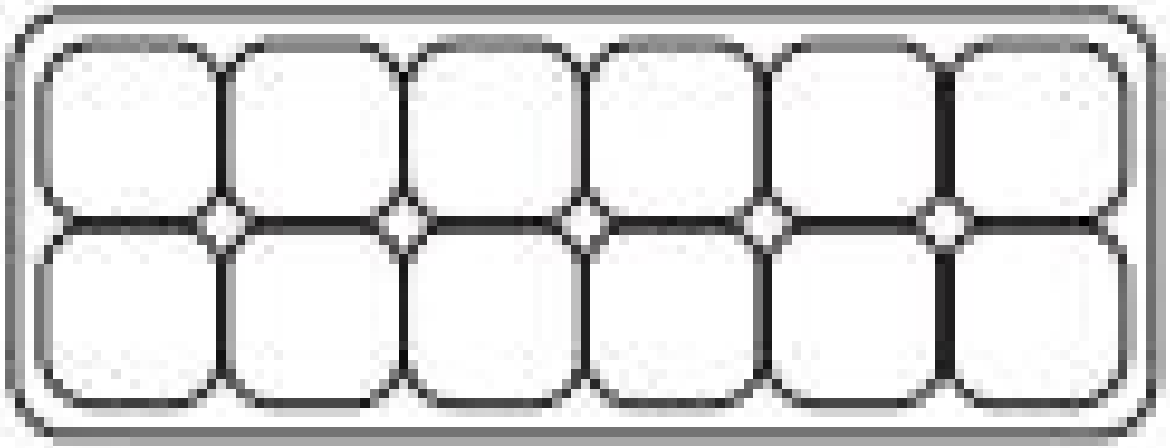
# 1/6

If I fold it back down to 1/6th and then fold it in half, how many equal parts will I have?

Remove

Today instead of using rulers like yesterday (12 inches=12 equal parts), we will use egg cartons.

F2F- pass out egg cartons (or egg carton sheets, six 14” pieces of yarn, 12 tiles

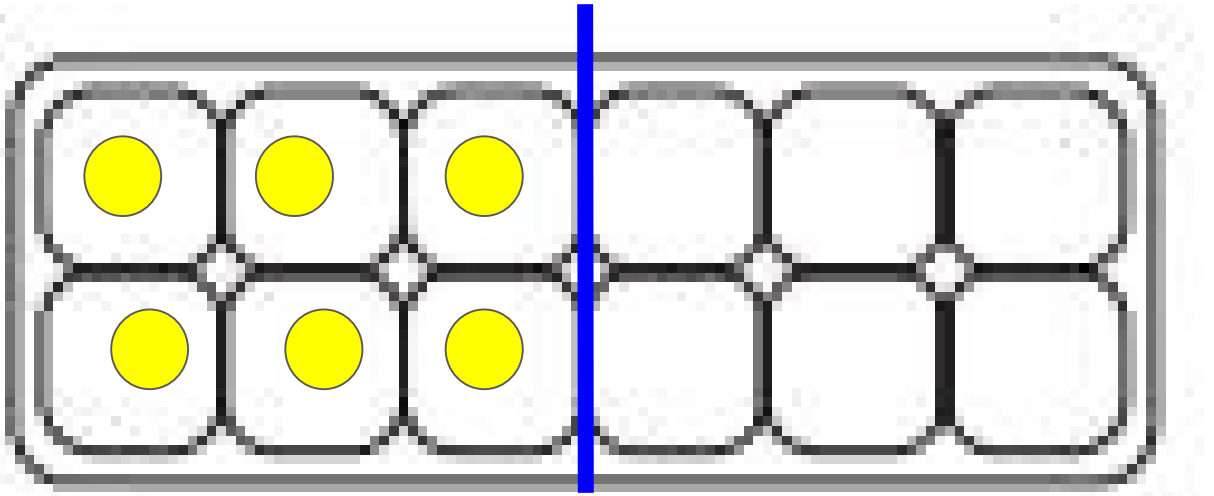


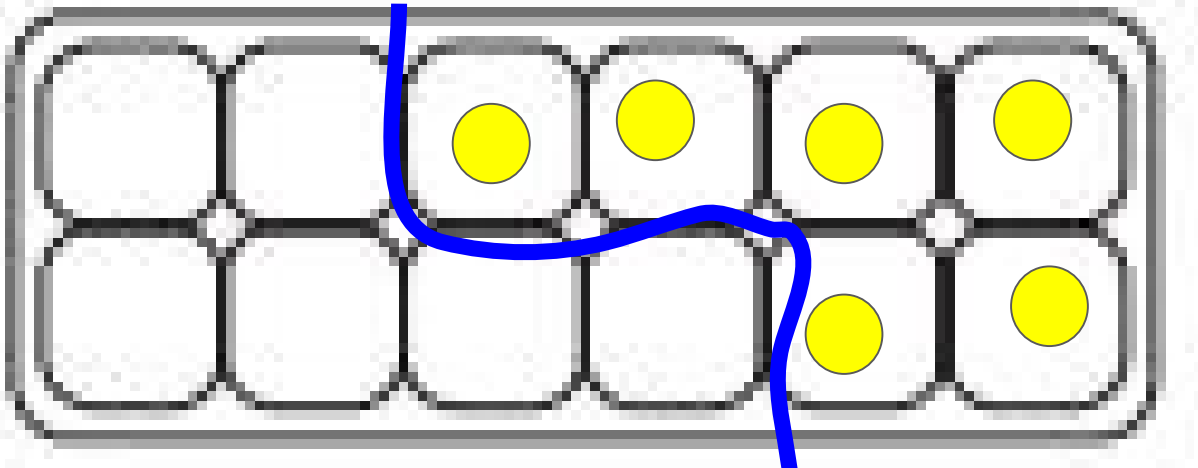
1.Drop or lay a tile in ½ of the sections.

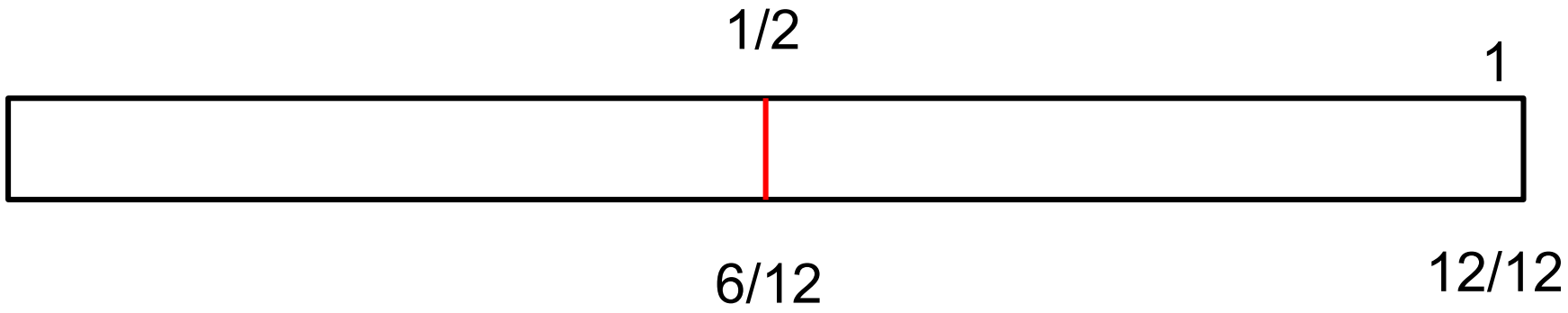
2. Lay your yarn across showing the 2 equal sections

So 1/2=6/12

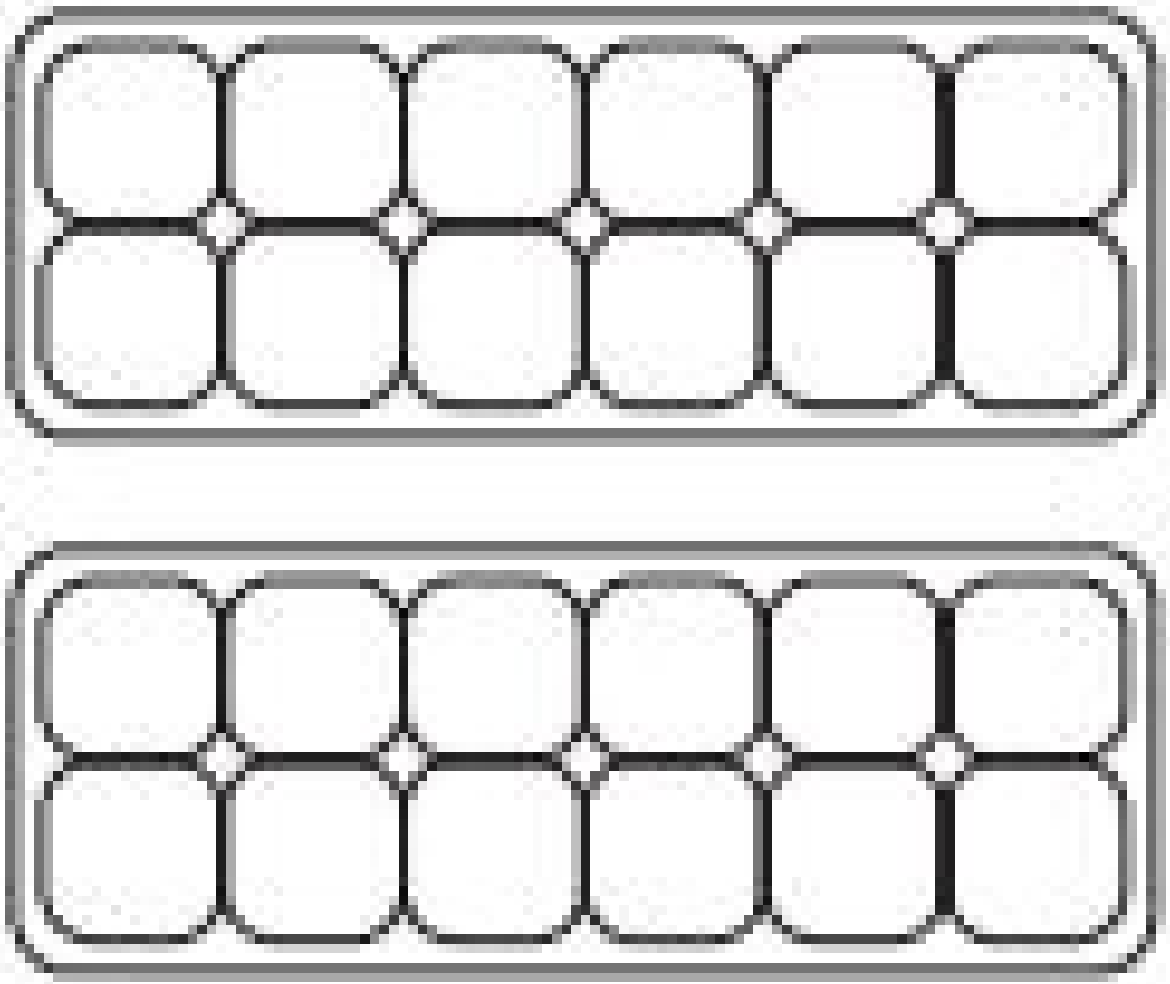
Record this on the board by your paper number line

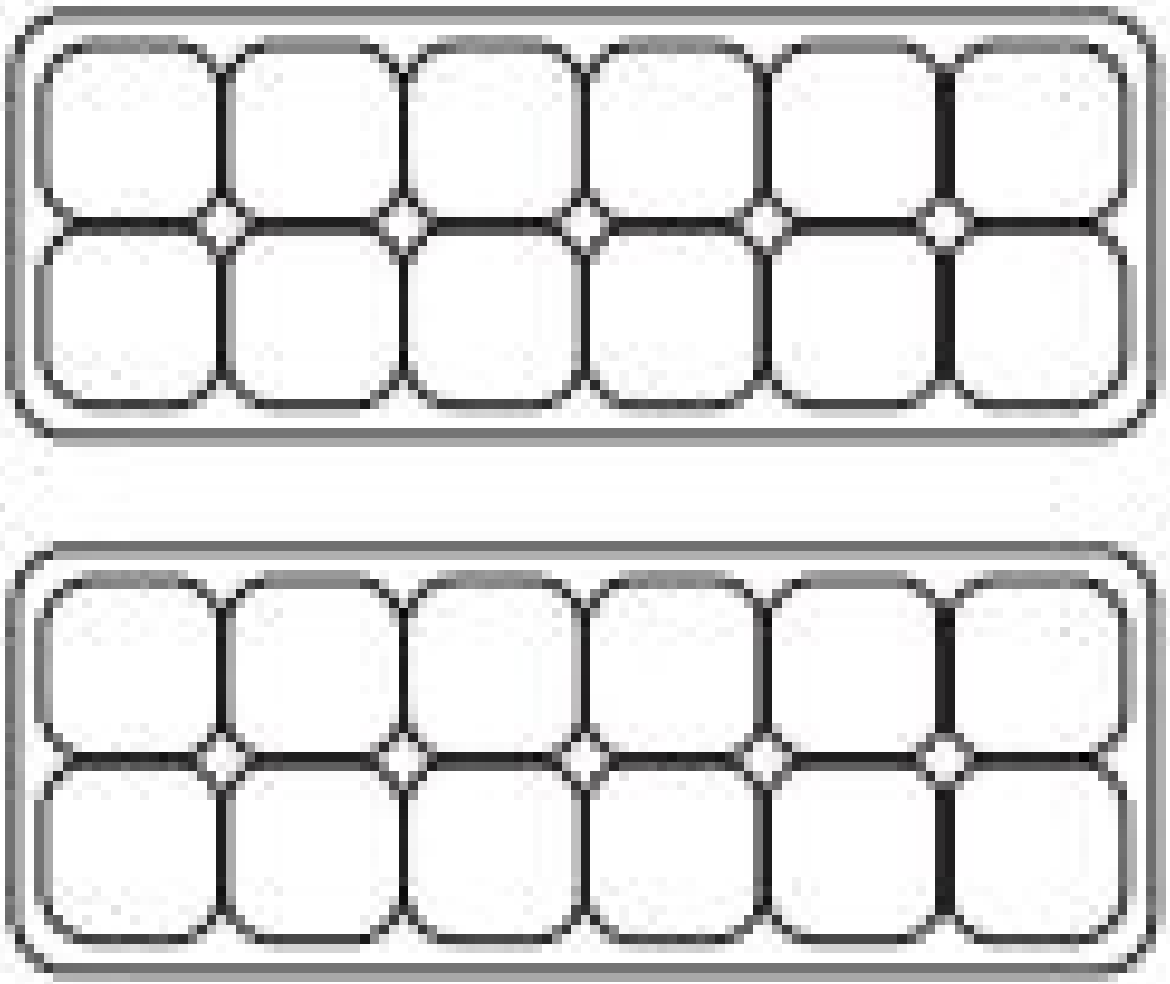




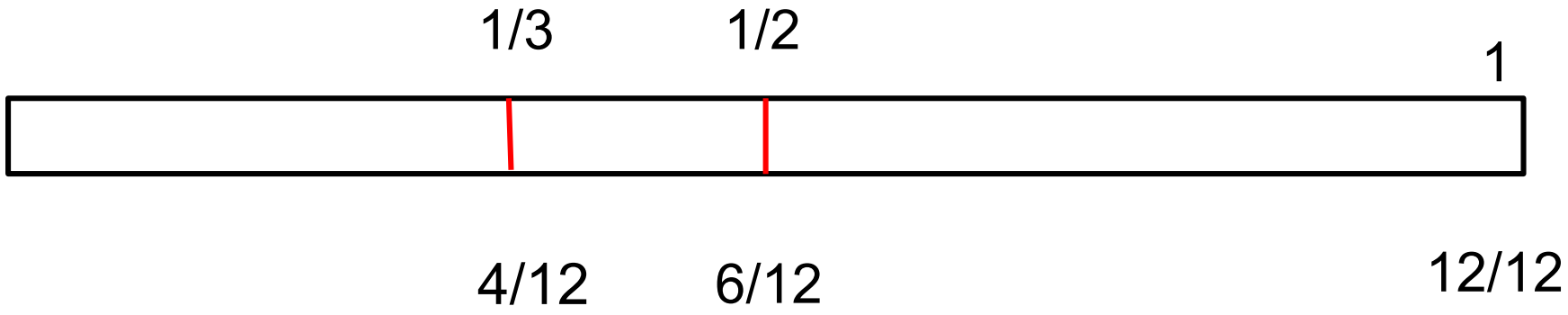

1/2
1
6/12
12/12

Show me ⅓ or 3 equal parts of the egg carton

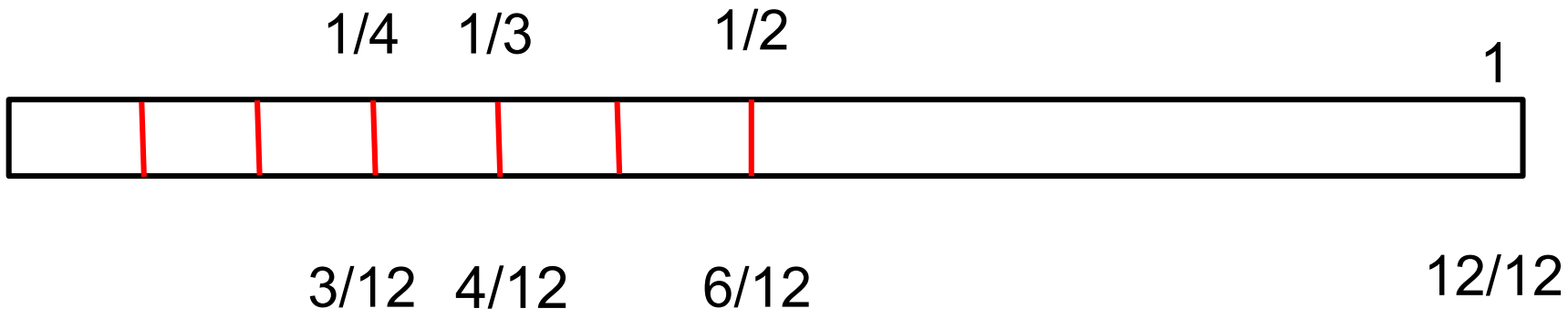




So ⅓ is = to_____


1/3
1/2
1
4/12
6/12
12/12

Show me 1/4 or 4 equal parts of the egg carton


1/4
1/3
1/2
1
3/12
4/12
6/12
12/12

Explain and assign page 238 in the student workbook if time

# Daily Practice

SB 239- Modeling Egg Carton Fractions