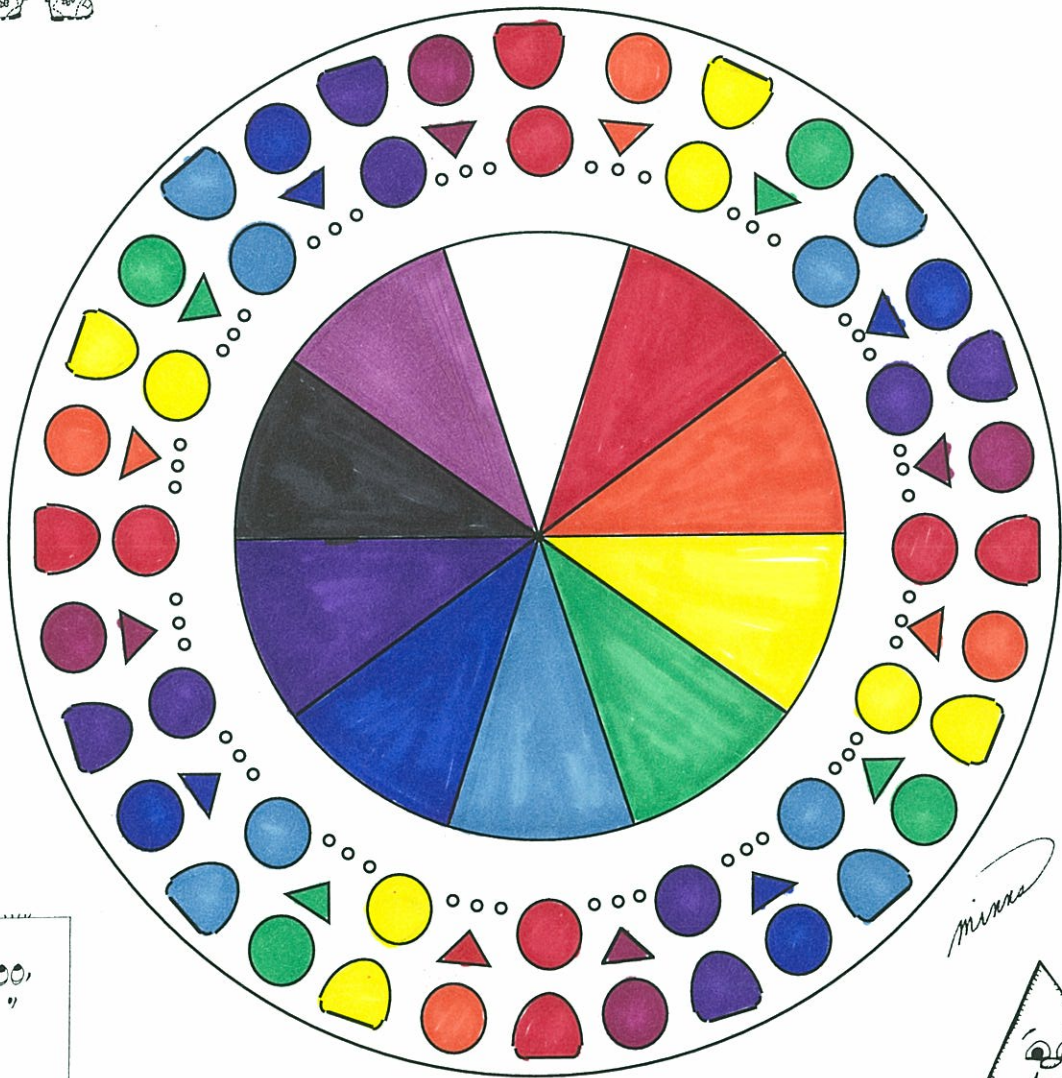
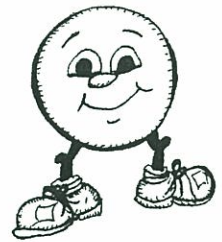
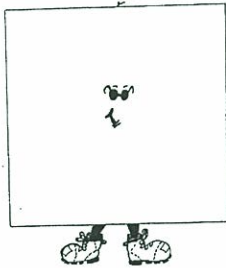


# Prism Fractions® Paper Set

10 colored sheets of squares

10 colored sheets of circles

Storage instructions



*Mina*



## Patterns in Arithmetic Pattern Press

# Prism Fractions Instructions

## Prism Fractions Square Paper Set Instructions

Carefully cut out the fraction squares along the heavy lines but do not cut the squares into individual units. Fold the paper along the heavy inside lines to make smaller fractional units such as two-thirds. It's easier to compare the fractional units with the squares cut exactly the same size

## Prism Fractions Circle Paper Set Instructions

Prism Fractions Circle Paper Set Instructions  
Carefully cut out the fraction circles along the outside lines. If you don't have a plastic fractions circle set; in just one circle of each fractional unit from the halves to the eighths, cut the circle into individual units along the inside lines. The fraction pieces from the tenths to the sixteenths are very small and harder to use if cut, so leave these whole.

## Storage Folder

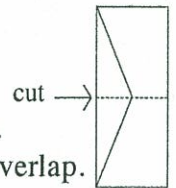
### Materials

- 2 file folders
- 11 plain business envelopes (no. 10 envelopes)
- Tape and paper glue
- Stapler
- Prism Fractions Paper set—squares and circles

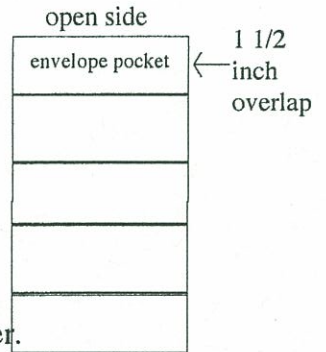
### Directions for one folder

One folder is needed for squares and one for circles.

- Seal envelopes shut and cut five envelopes in half across the short side.
- Line up five halves one above the other with about an inch and a half overlap.
- Staple the top envelope pocket to the second pocket.
- Continue stapling this stack of five pockets.
- Repeat these steps with the other five envelope halves.

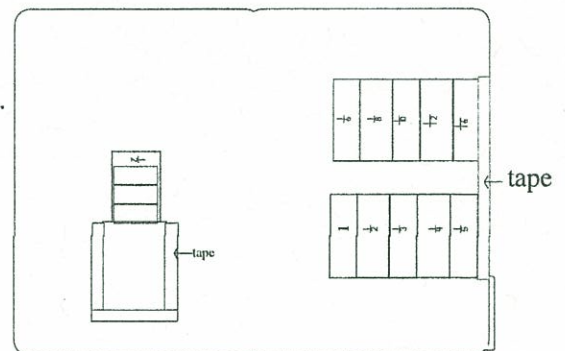


- Open the file folder.
- Place the two sets of stapled envelopes side by side (see below).
- Glue or tape in place. Tape across the bottom. Be sure to leave enough space for the paper fractions to slip inside.
- Cut the last envelope in half. (Not needed for paper circles.)
- Tape it towards the bottom of the empty half of the file folder.



Cut out the Prism Fractions Paper set along the fine lines. A paper cutter helps keep the cuts straight.

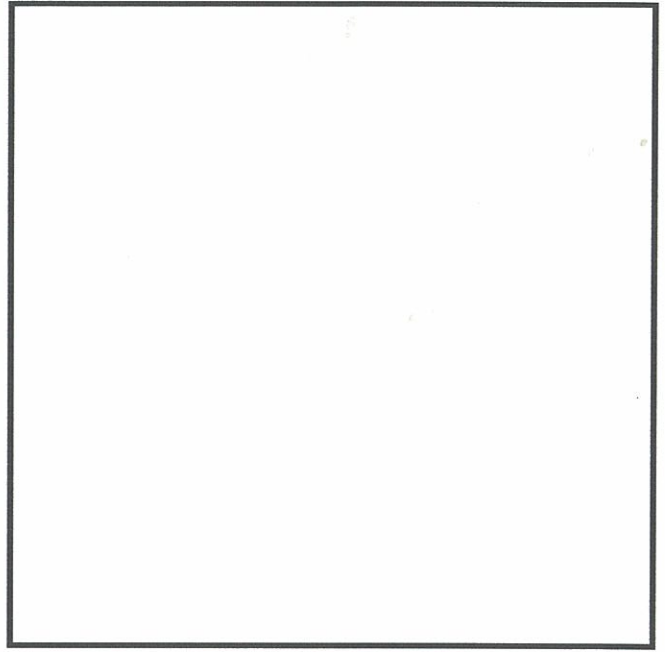
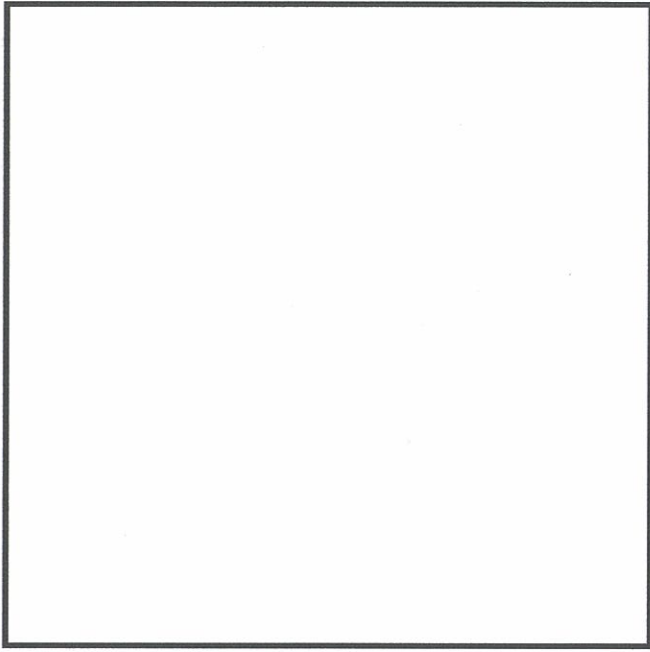
- Slip all the whole fraction pieces in a top pocket, the halves in next pocket down.
- Continue placing all the fraction pieces in the pockets in an orderly manner.
- All the long fraction pieces go in the pocket on left side of the file folder.



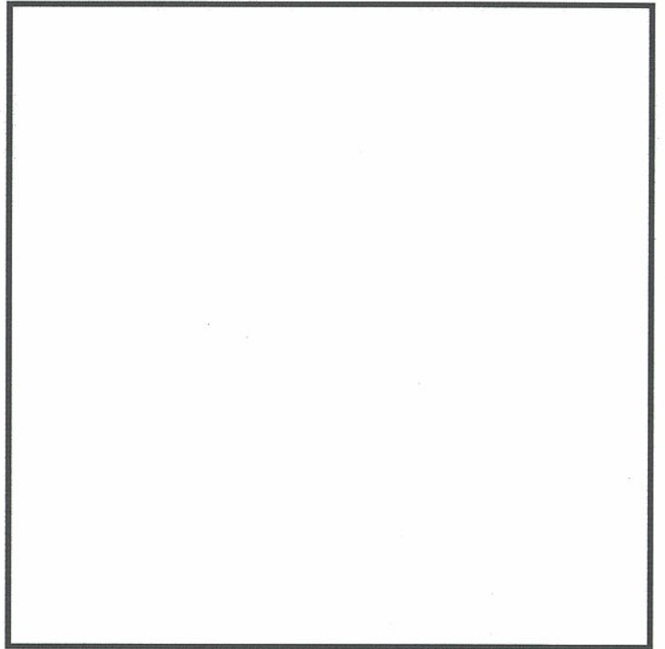
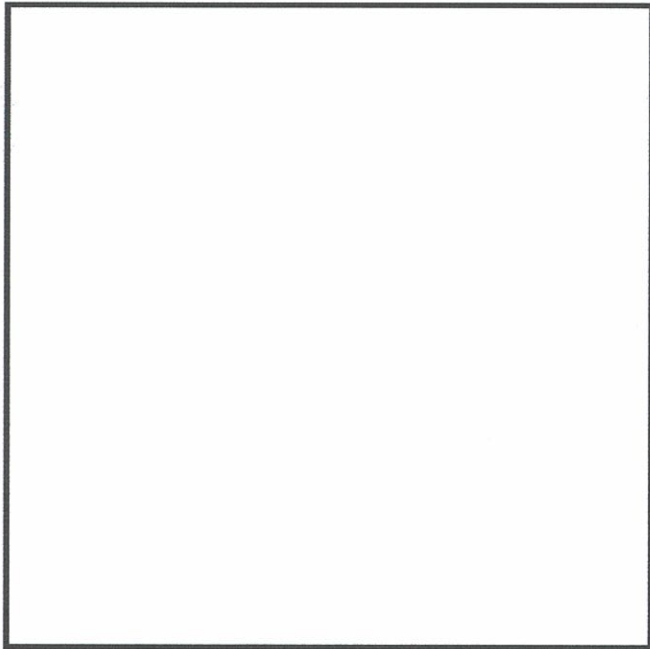
1  
whole



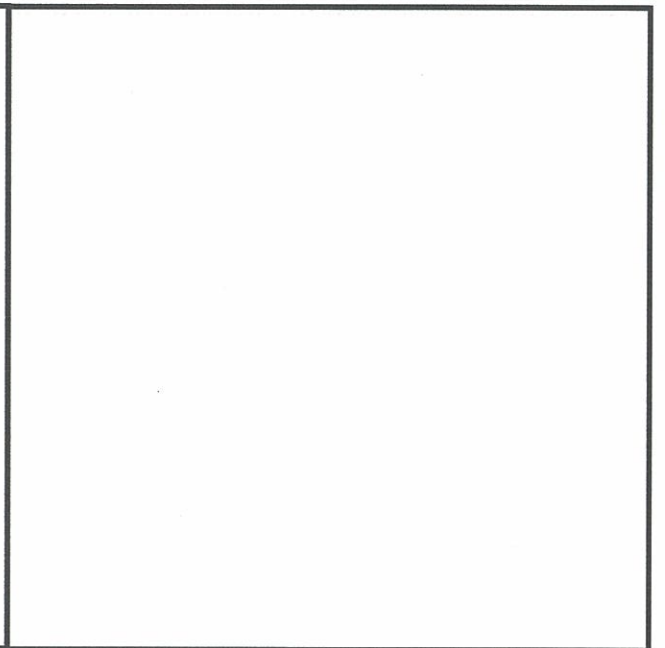
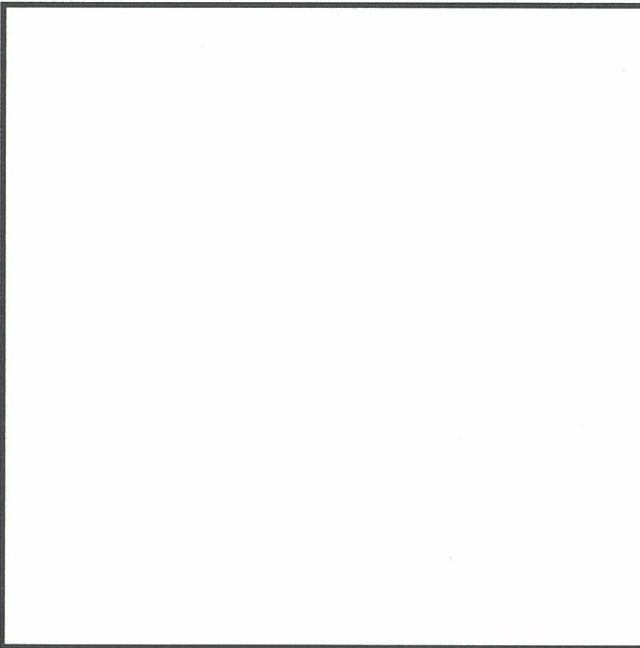
Cut along fine lines.



Prism Fractions® Paper Set ©2014 Pattern Press  
white

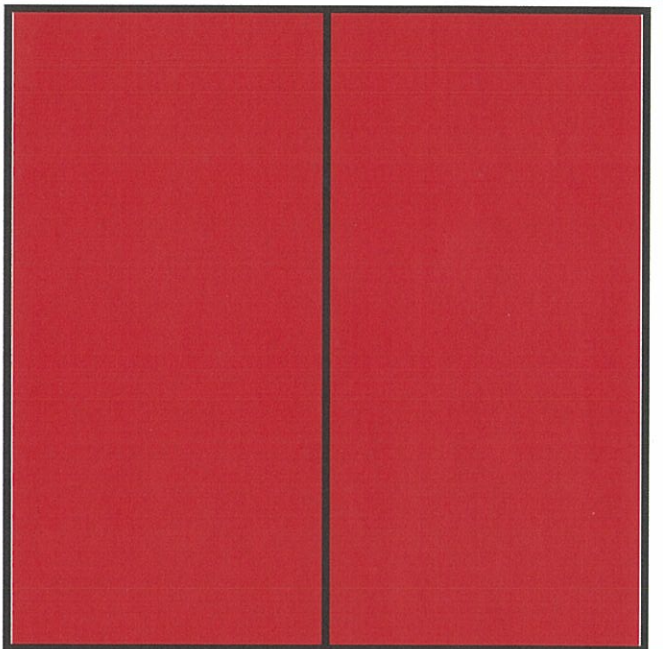
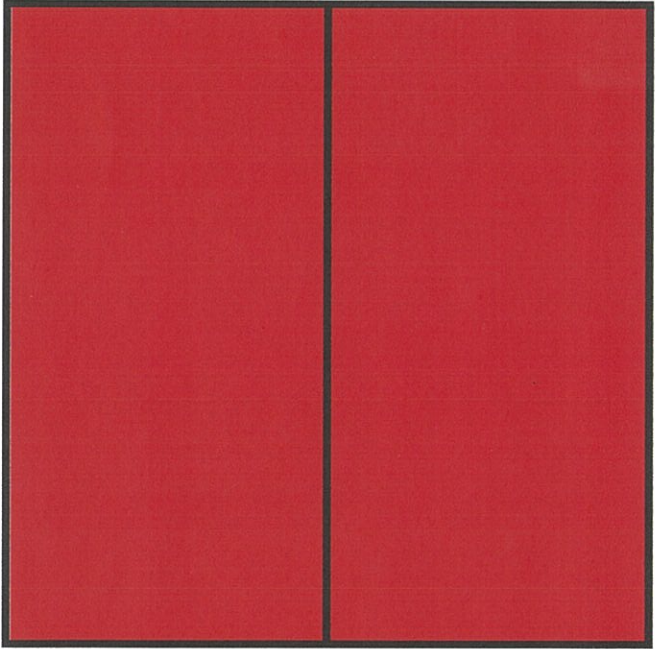
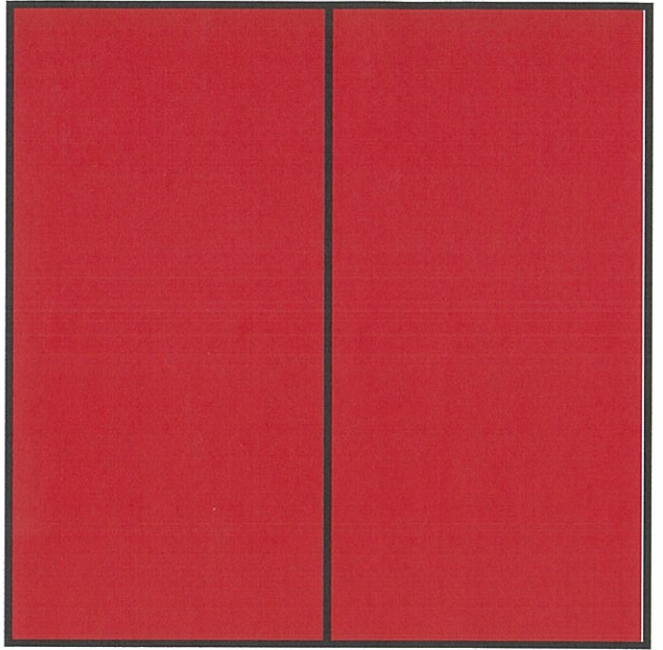
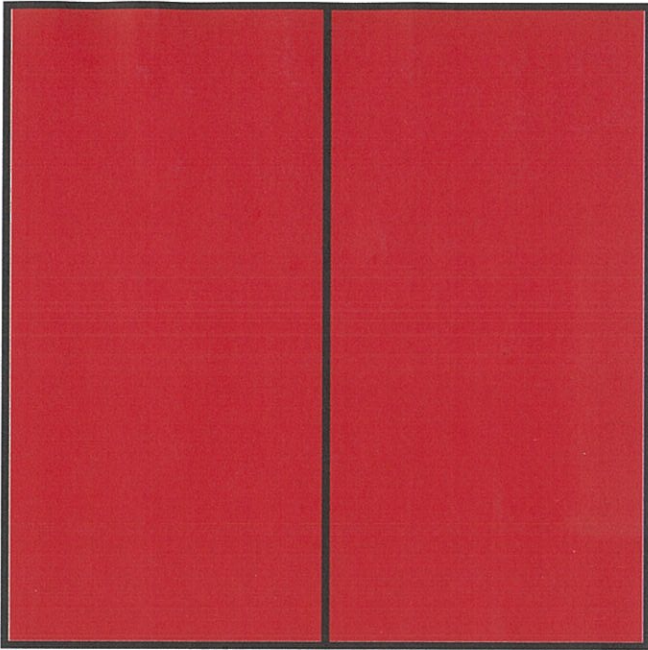


2  
wholes



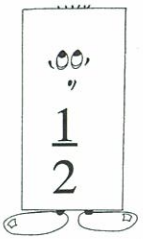
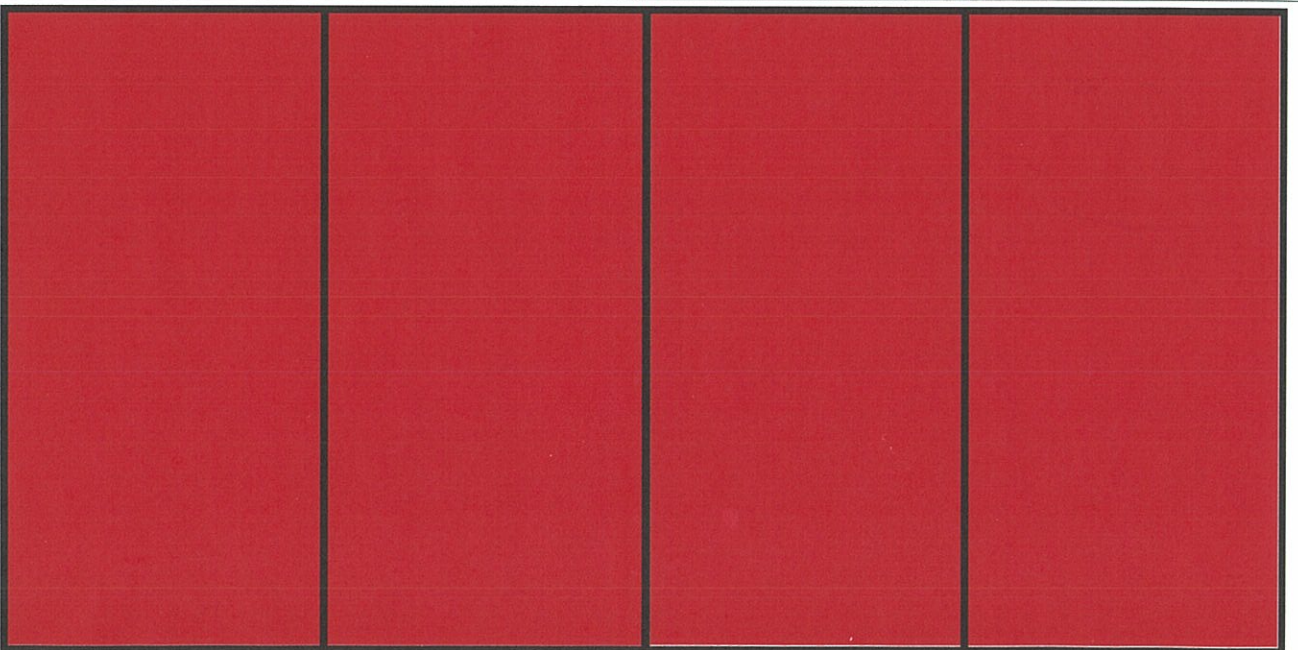
$\frac{1}{2}$

Cut along fine lines.



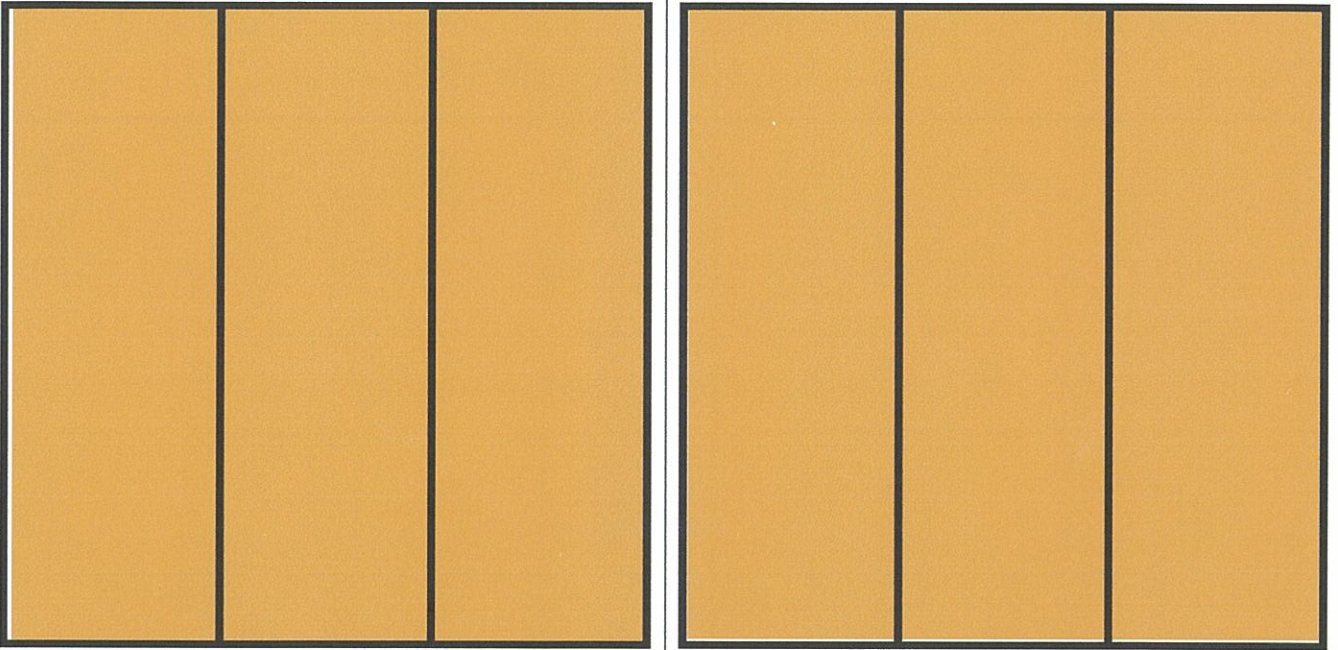
Prism Fractions® Paper Set ©2012 Pattern Press

red



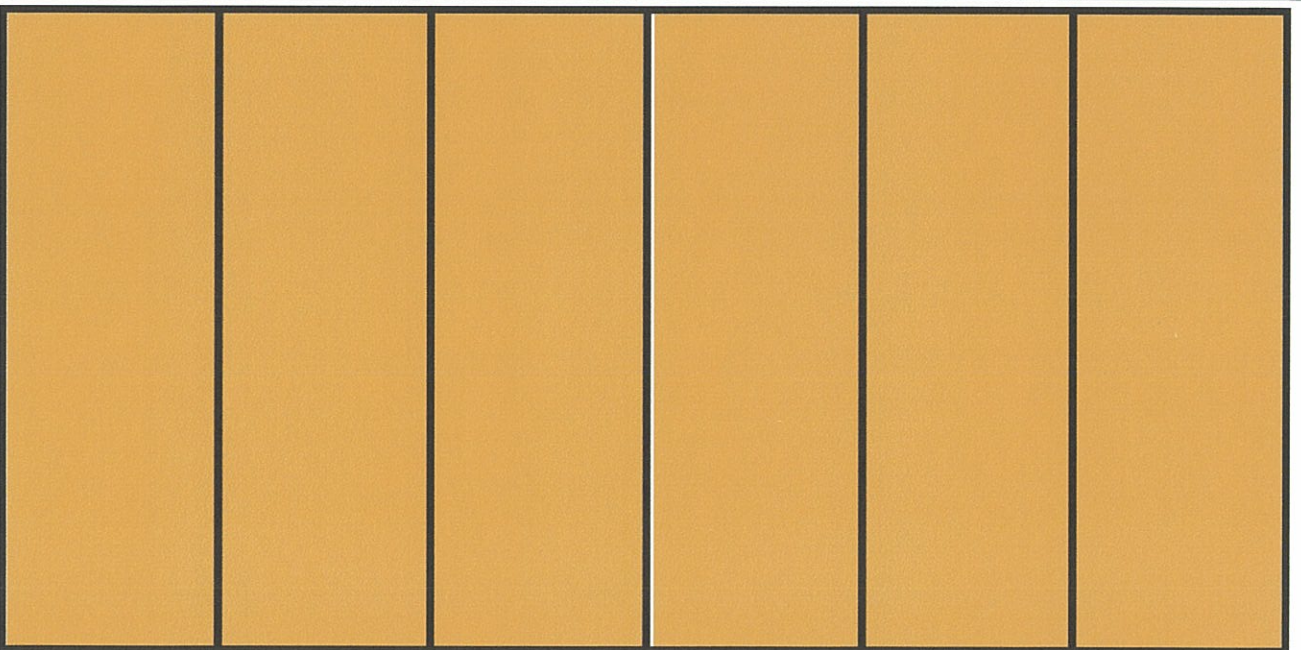
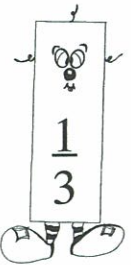
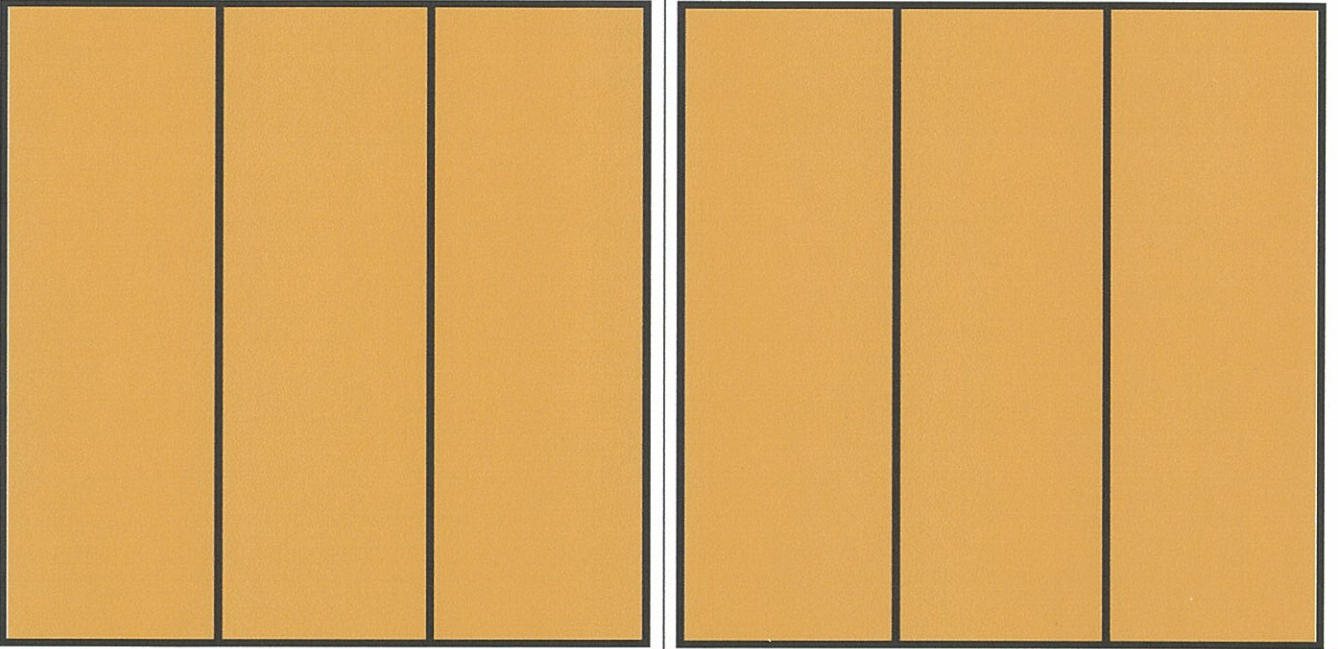
$\frac{1}{3}$

Cut along fine lines.



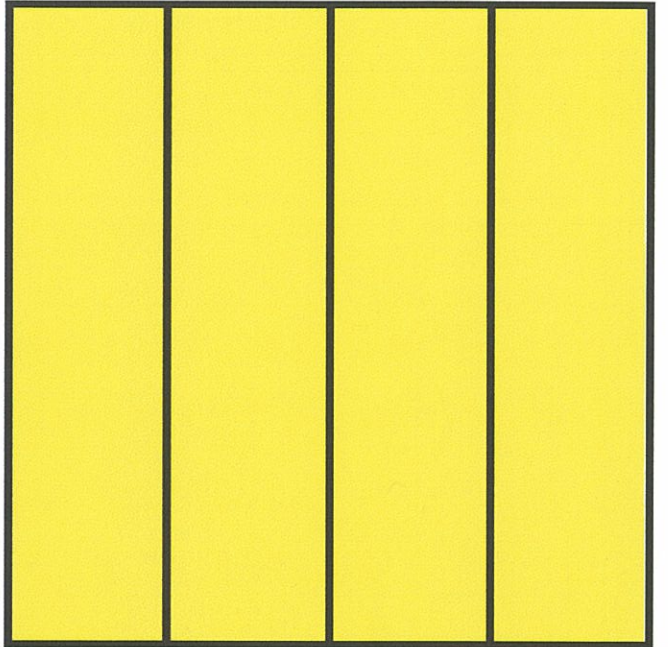
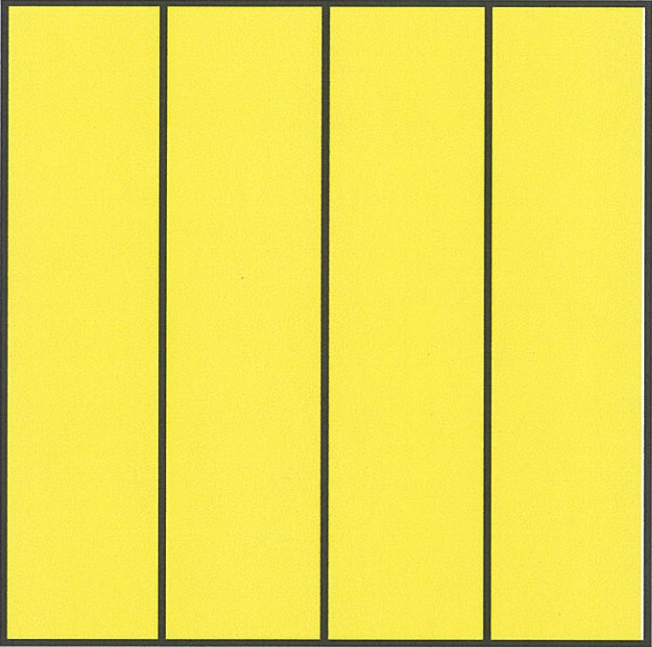
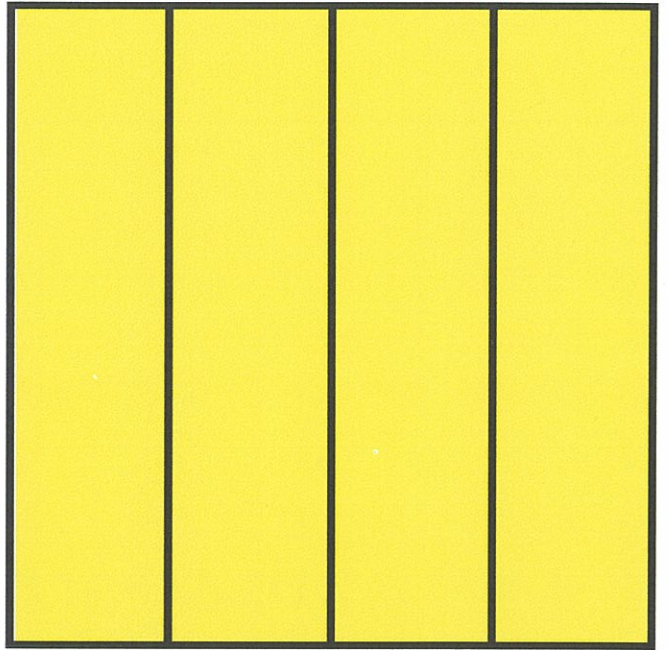
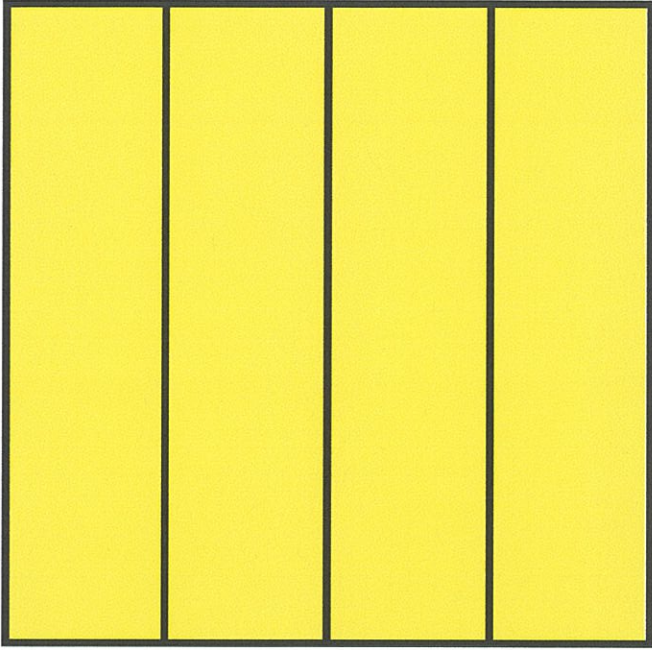
Prism Fractions® Paper Set ©2012 Pattern Press

orange

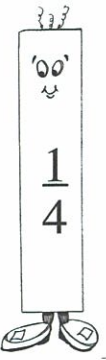
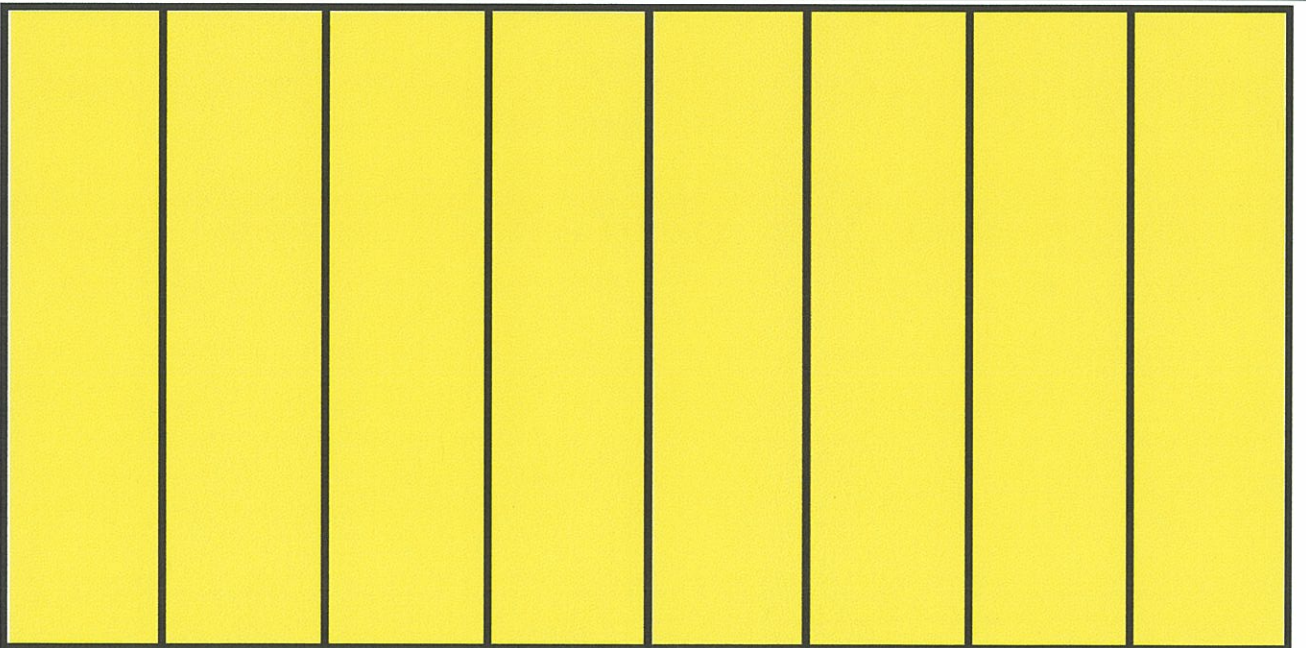


$\frac{1}{4}$

Cut along fine lines.

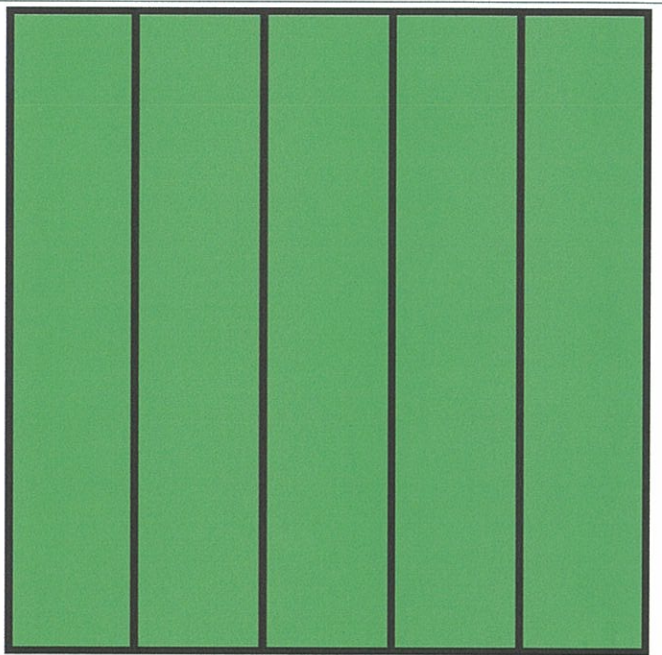
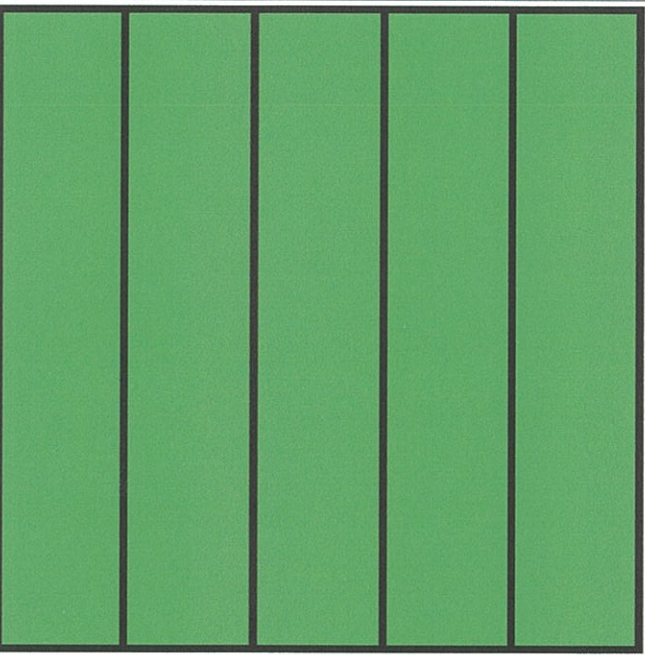
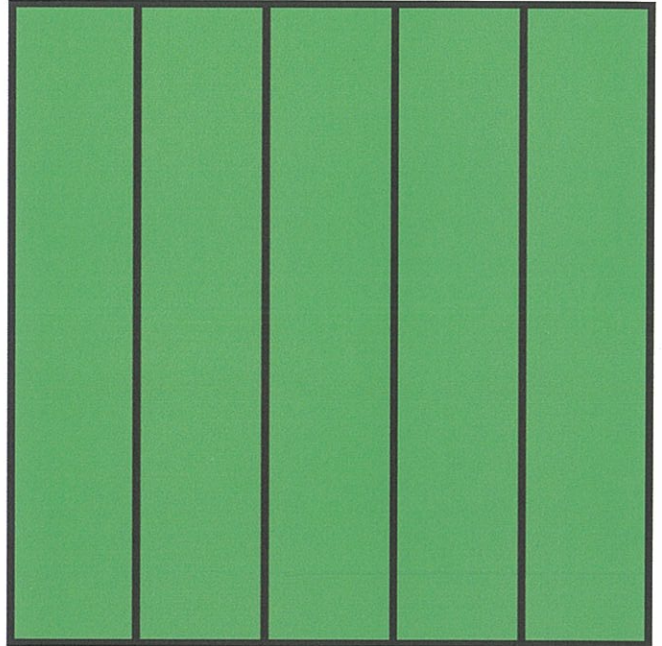
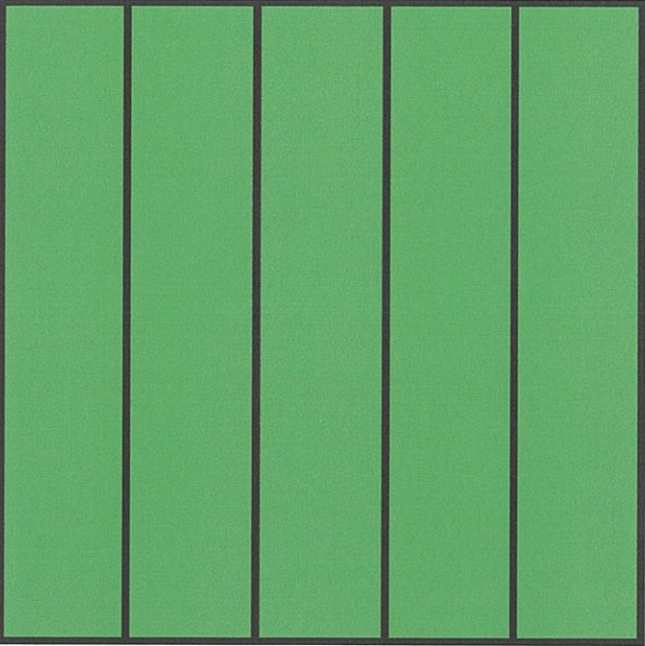


Prism Fractions® Paper Set ©2012 Pattern Press  
yellow



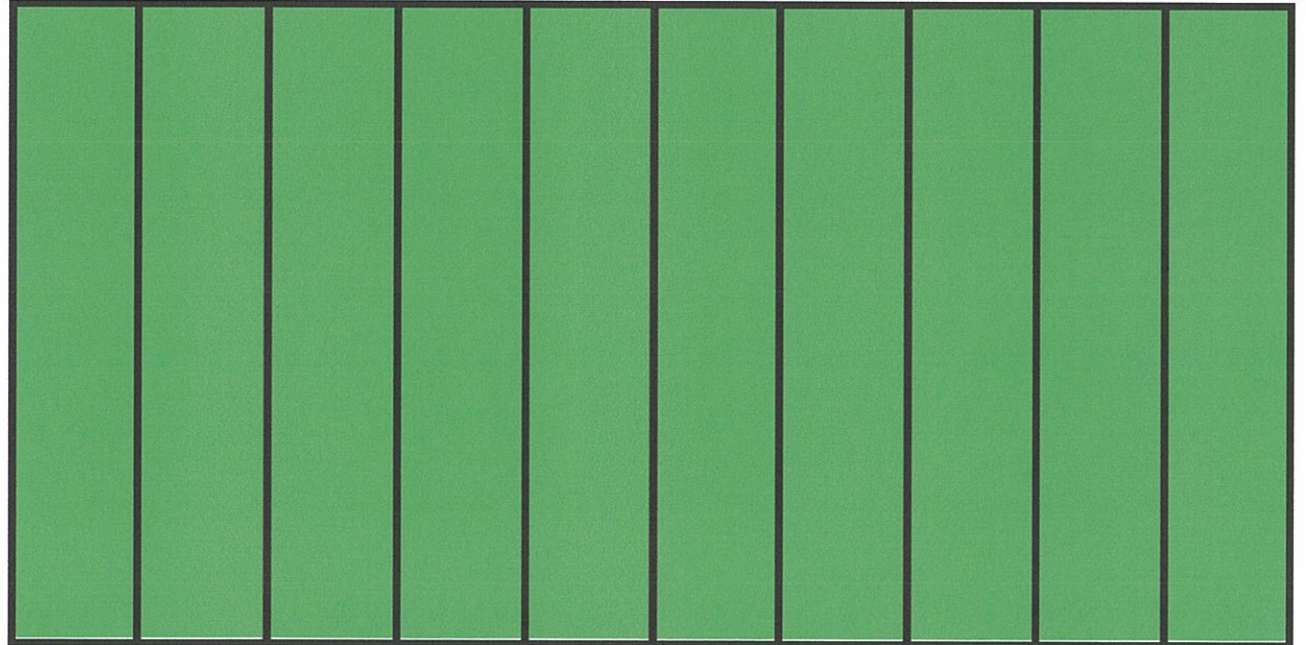
$\frac{1}{5}$

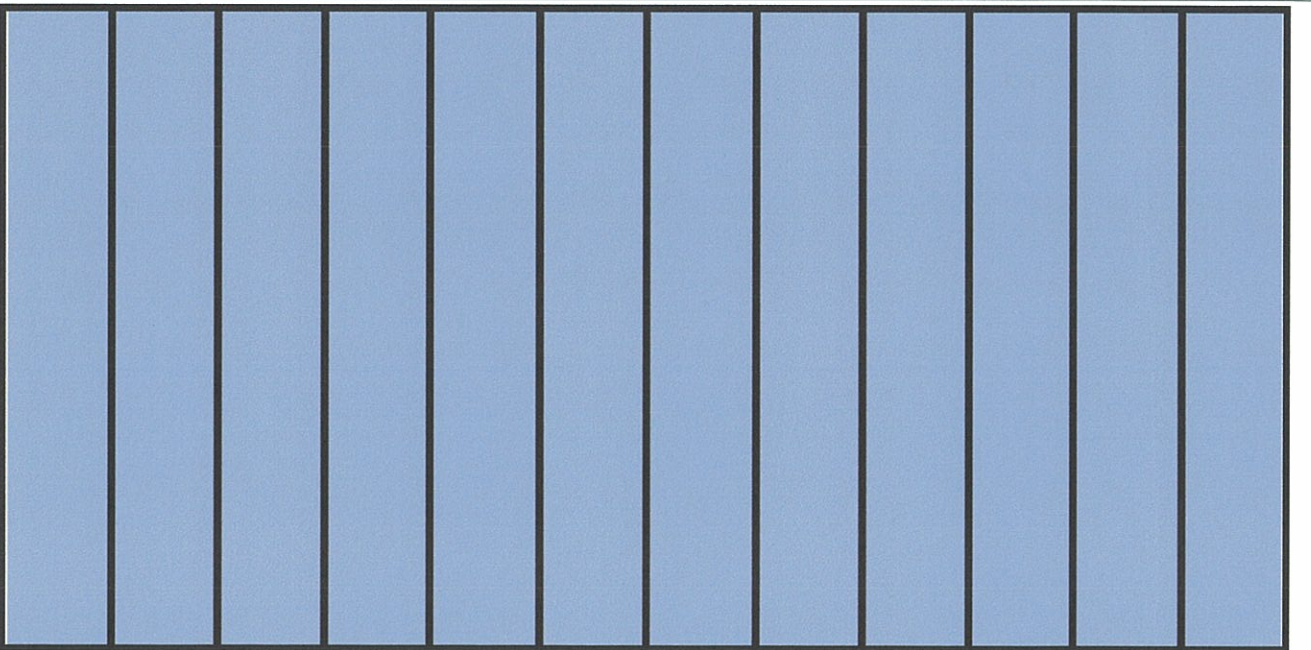
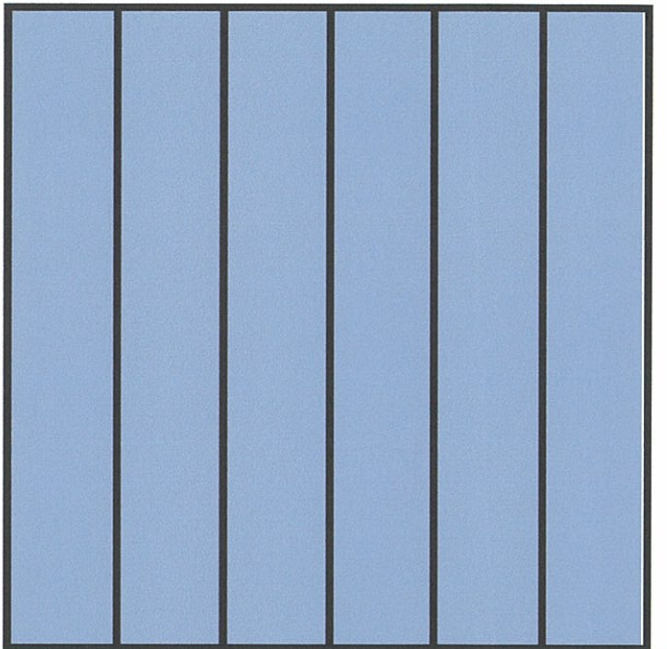
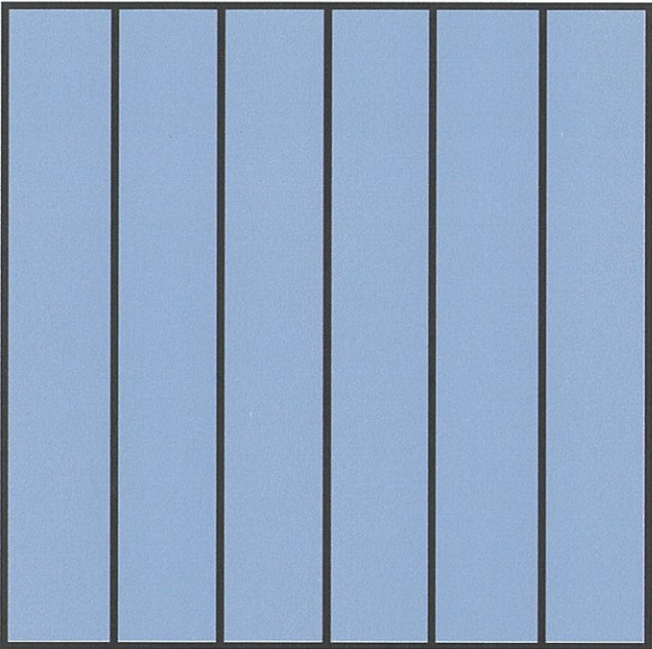
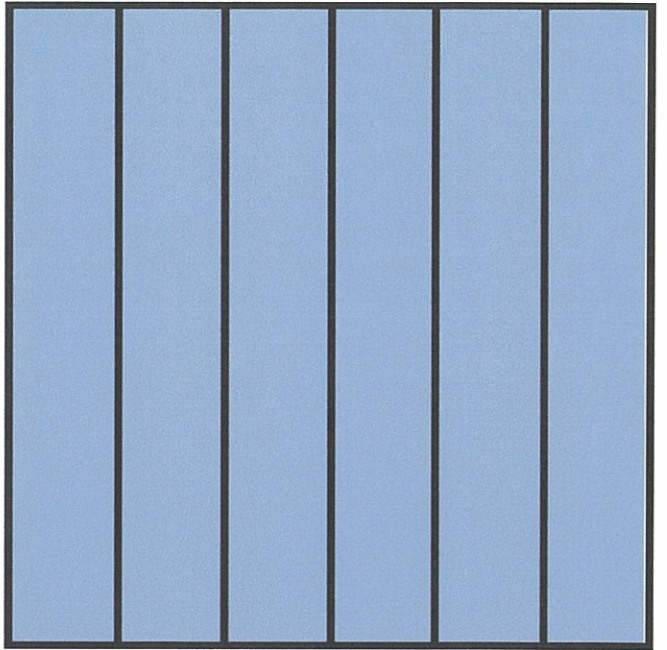
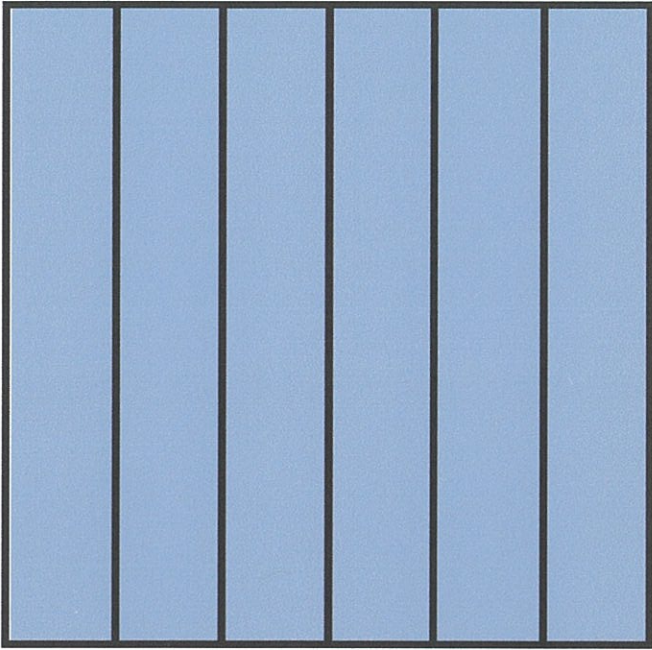
Cut along fine lines.



Prism Fractions® Paper Set ©2012 Pattern Press

green



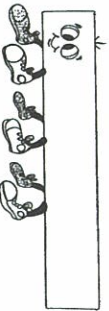


$\frac{1}{6}$

Cut along fine lines.

Prism Fractions® Paper Set ©2012 Pattern Press

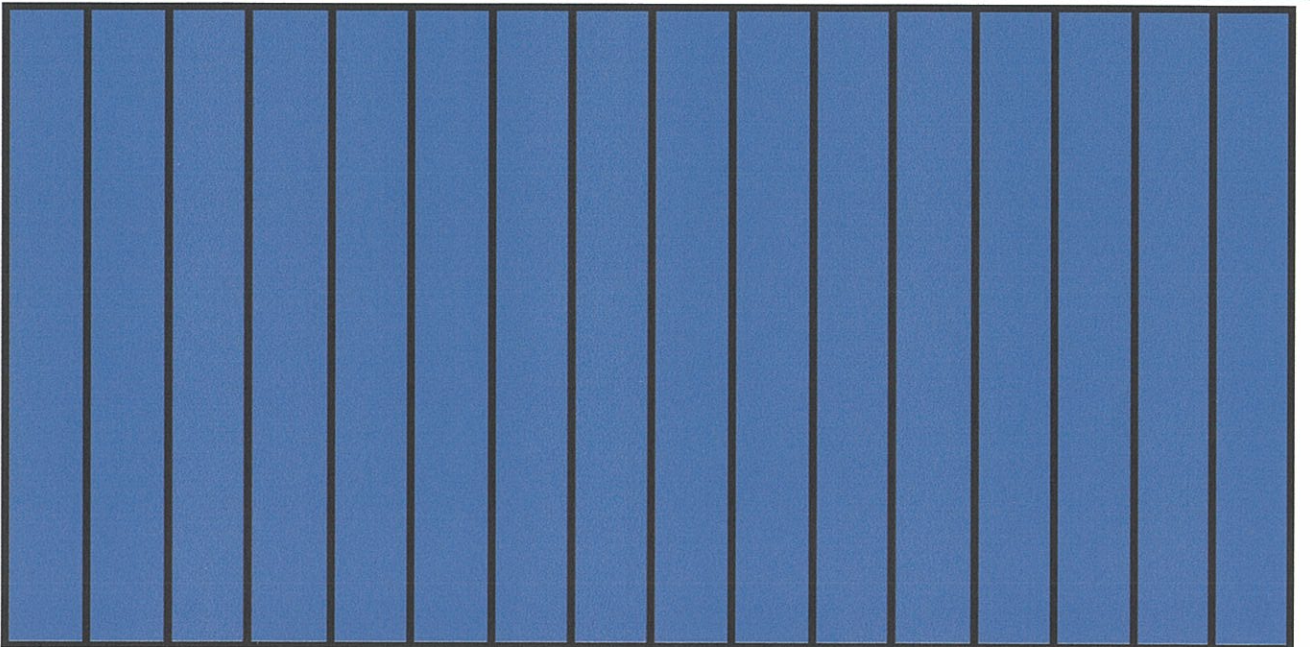
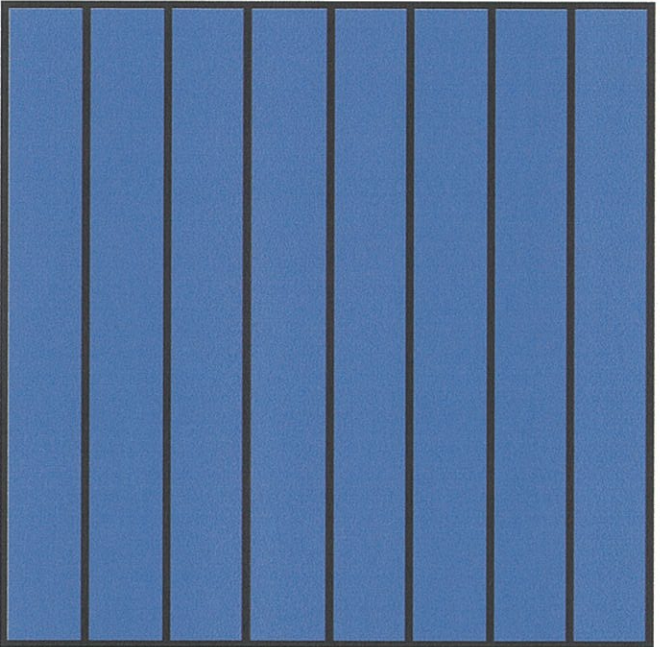
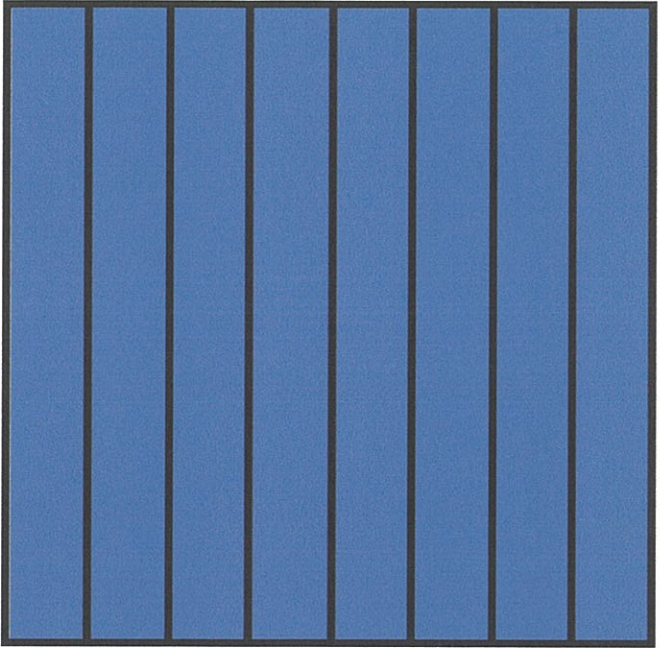
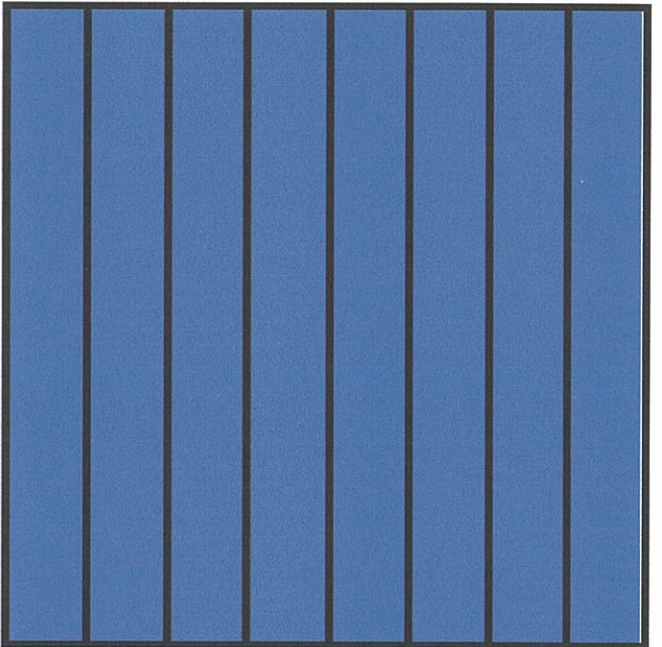
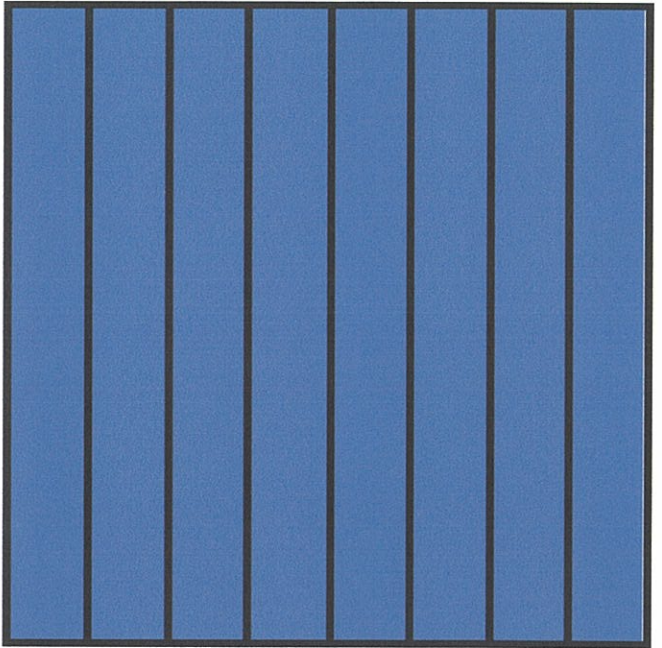
blue



$\frac{1}{6}$





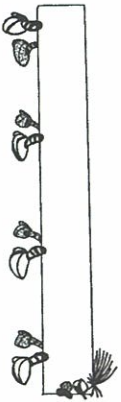


1  
8

Cut along fine lines.

Prism Fractions® Paper Set ©2012 Pattern Press

indigo

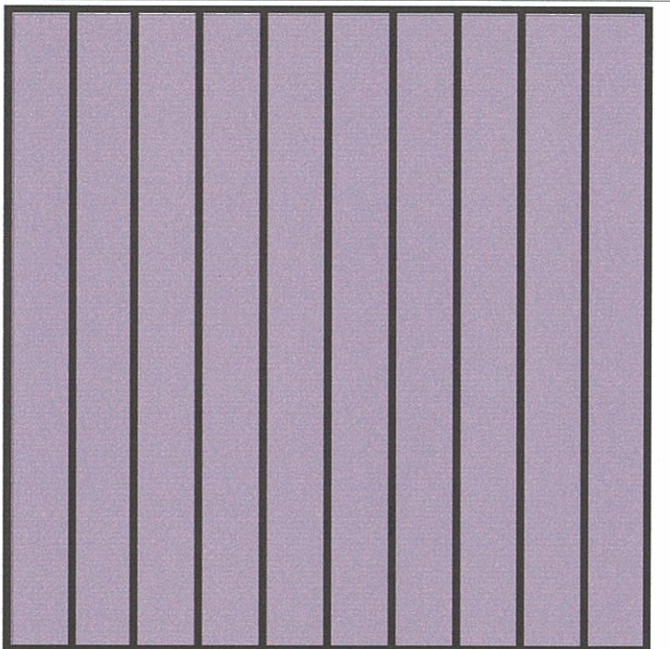
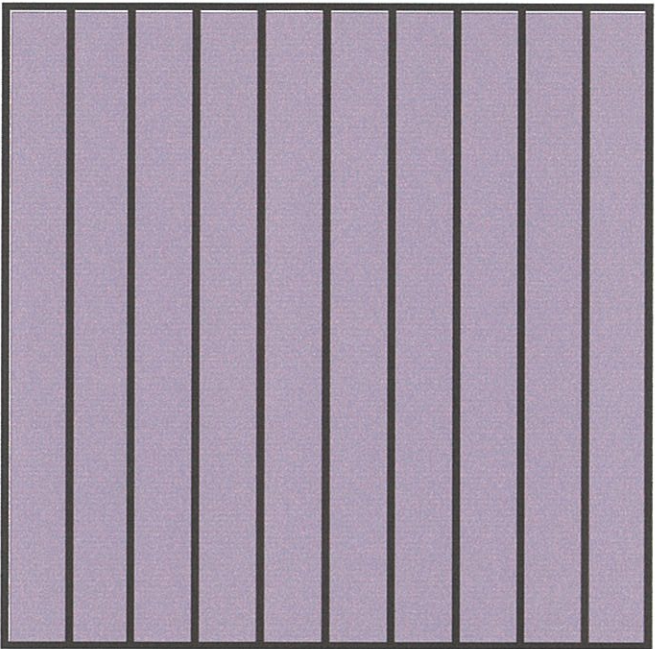
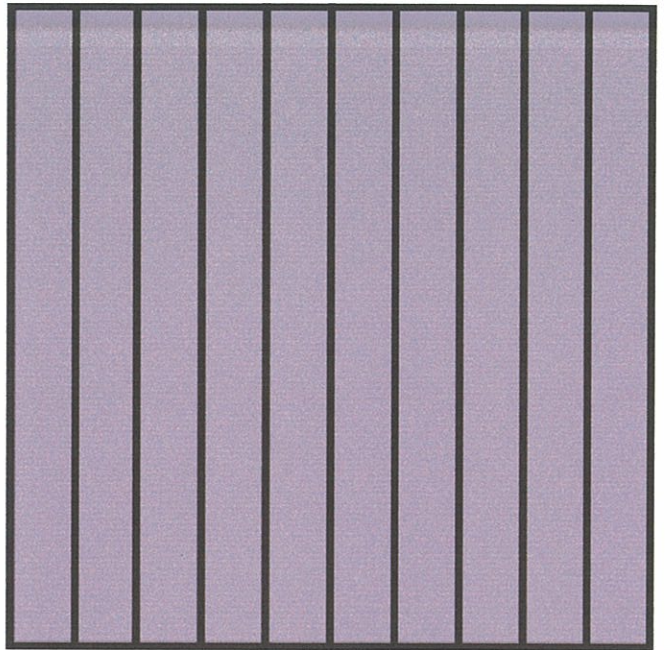
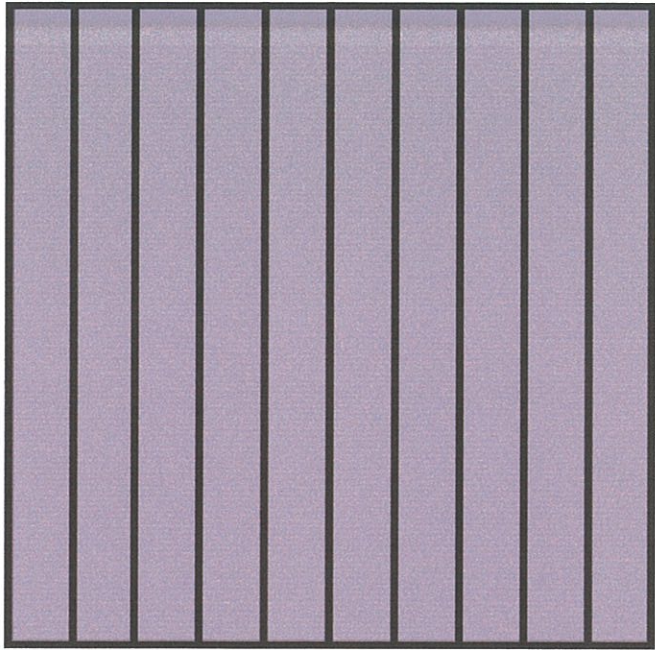


1  
8

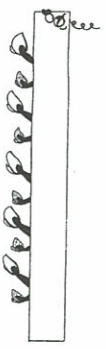
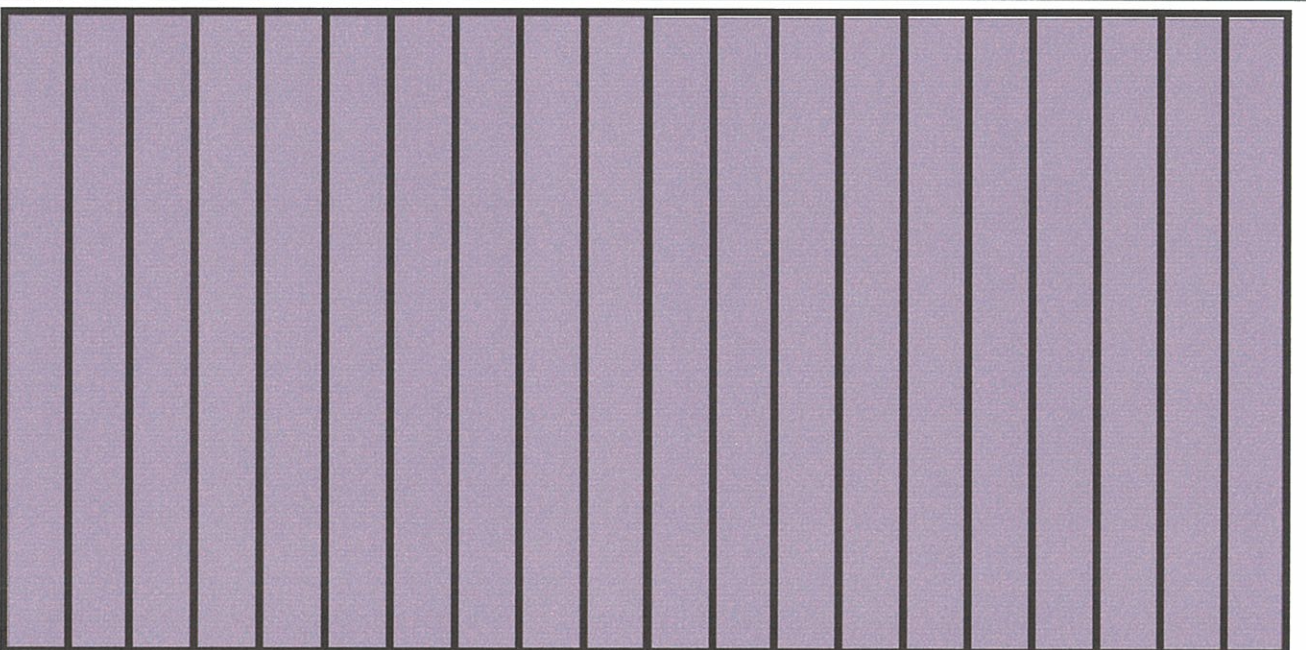


$\frac{1}{10}$

Cut along fine lines.



Prism Fractions® Paper Set ©2012 Pattern Press  
violet

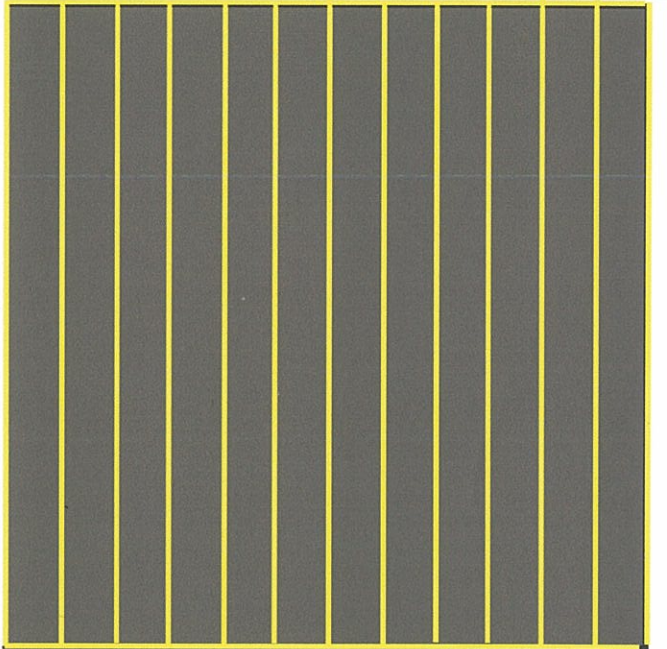
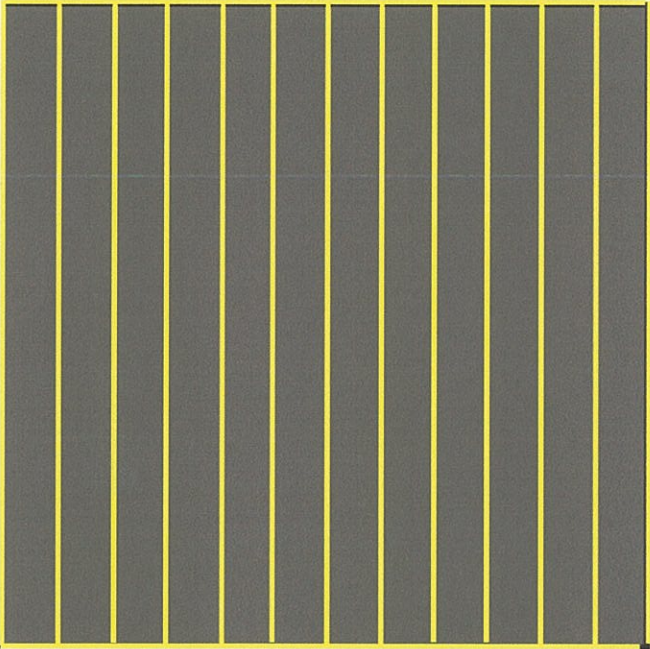
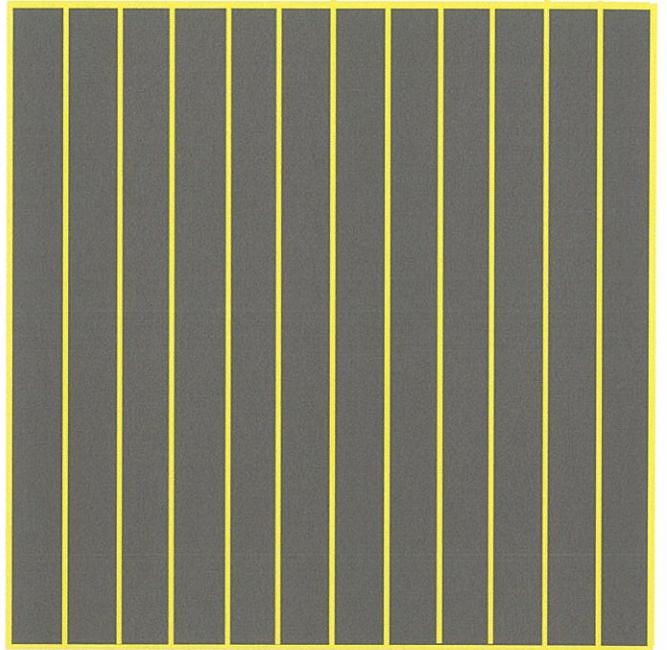
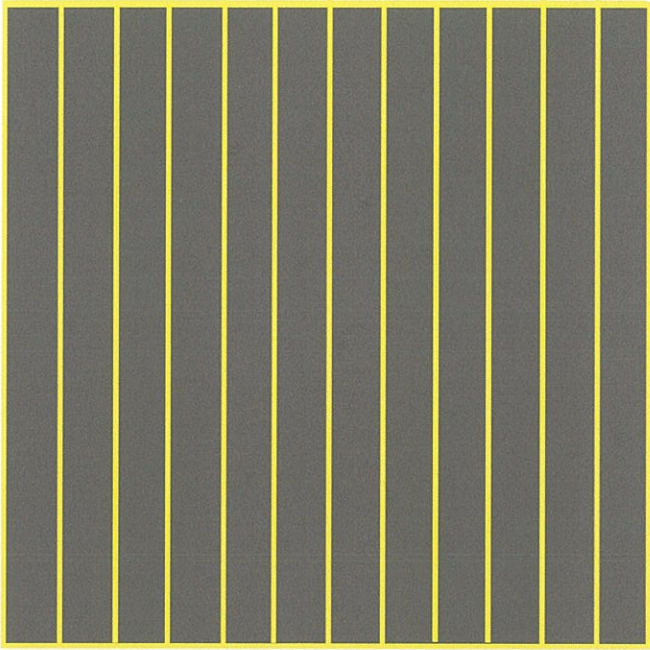


$\frac{1}{10}$



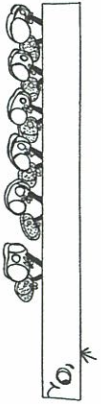
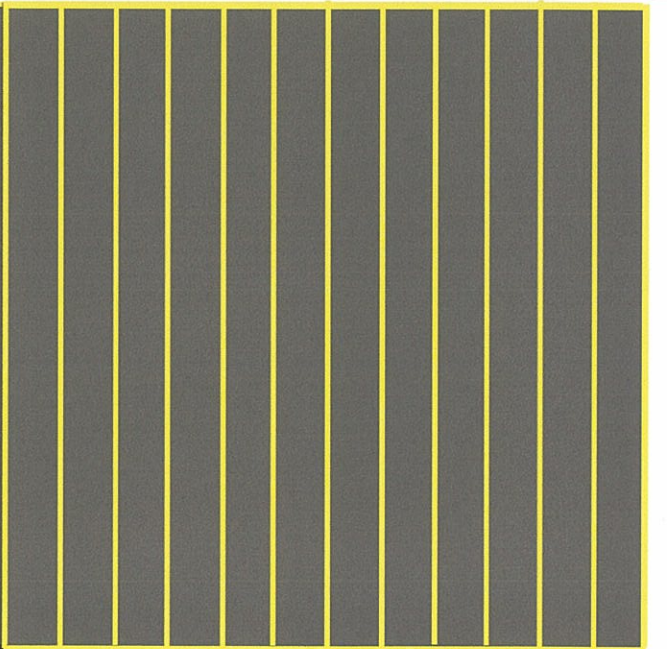
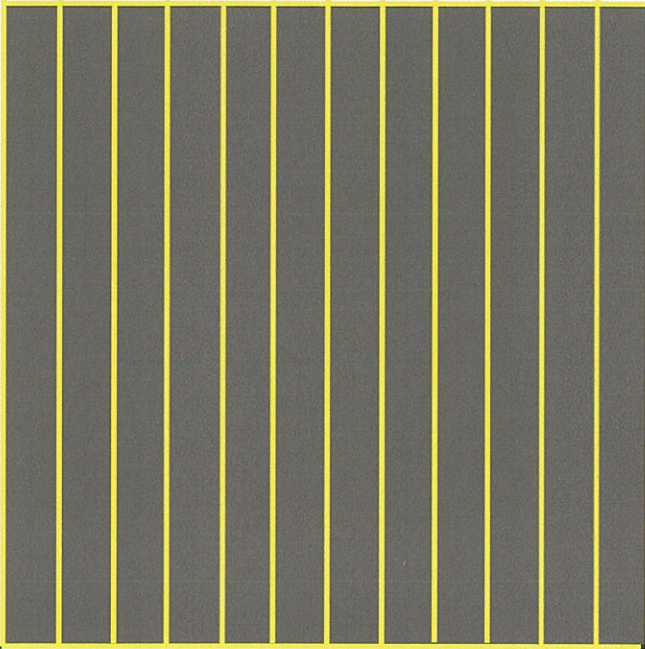
$\frac{1}{12}$

Cut along fine lines.



Prism Fractions® Paper Set ©2012 Pattern Press

black

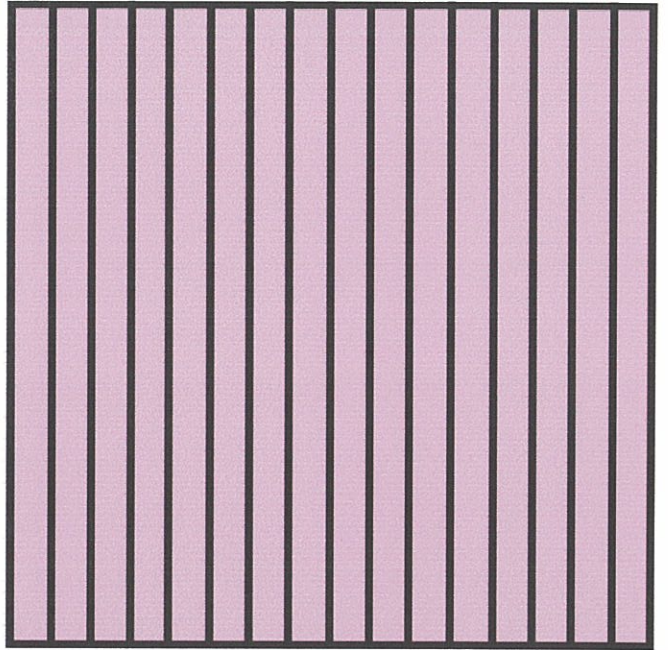
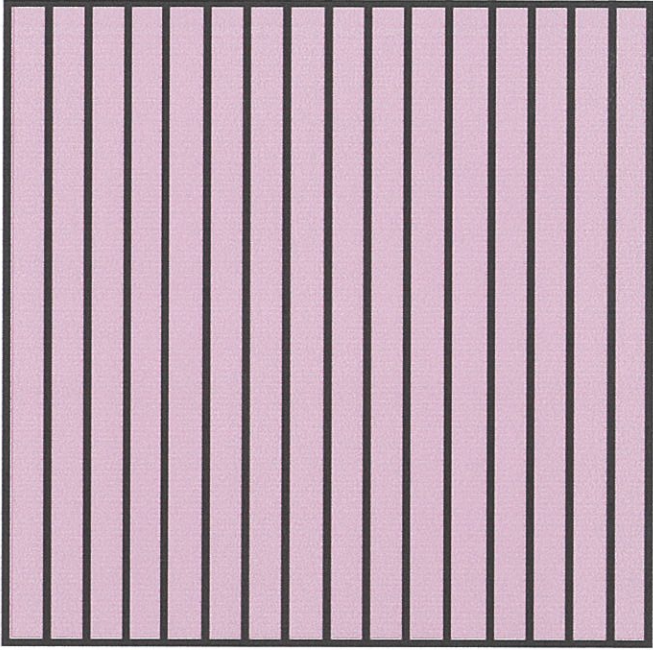


$\frac{1}{12}$



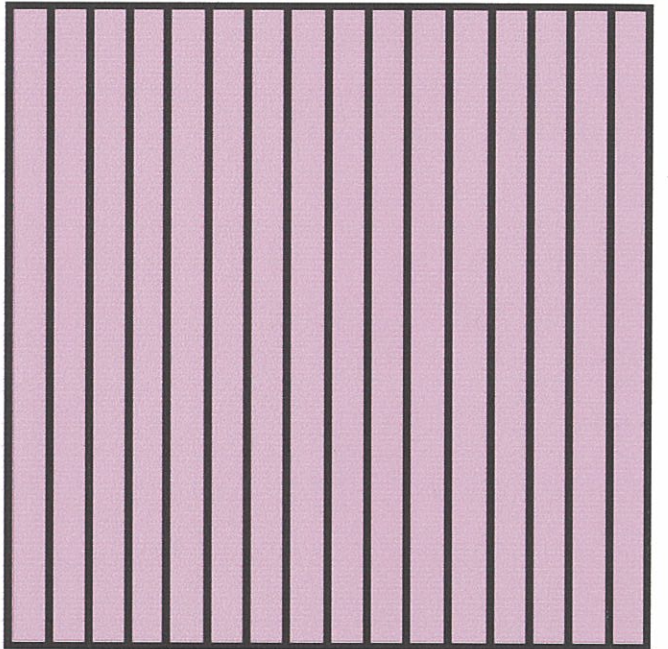
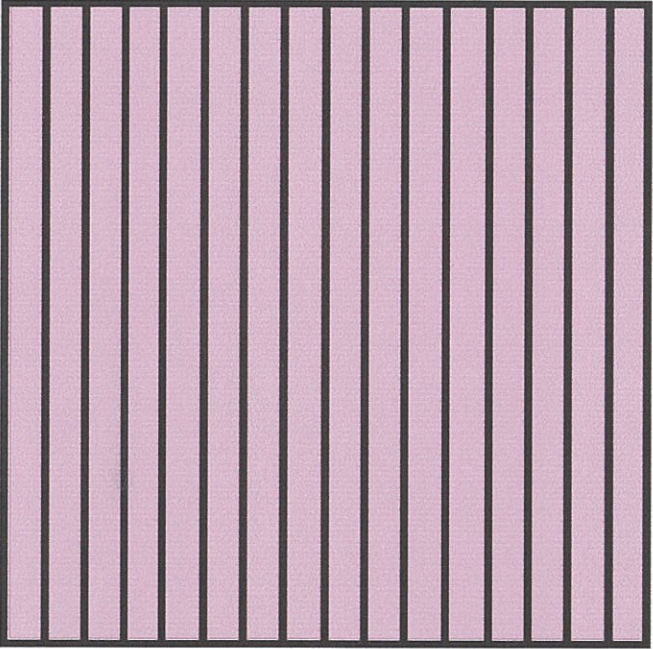
$\frac{1}{16}$

Cut along fine lines.

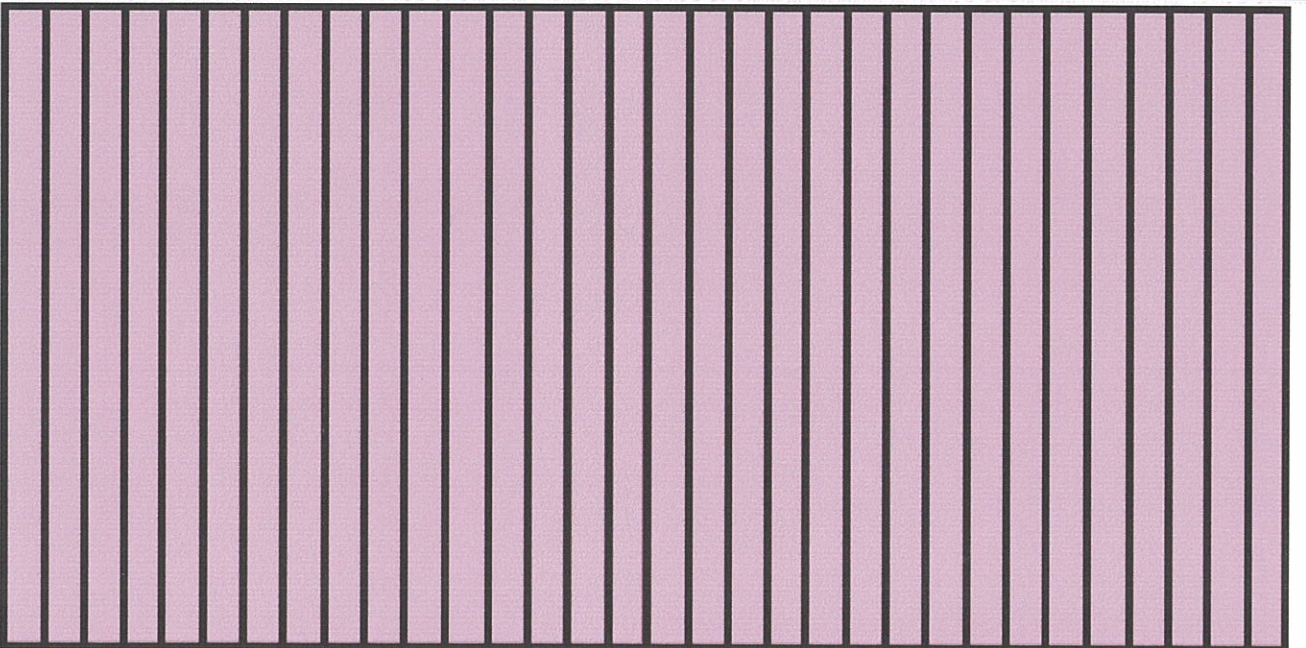


Prism Fractions® Paper Set ©2012 Pattern Press

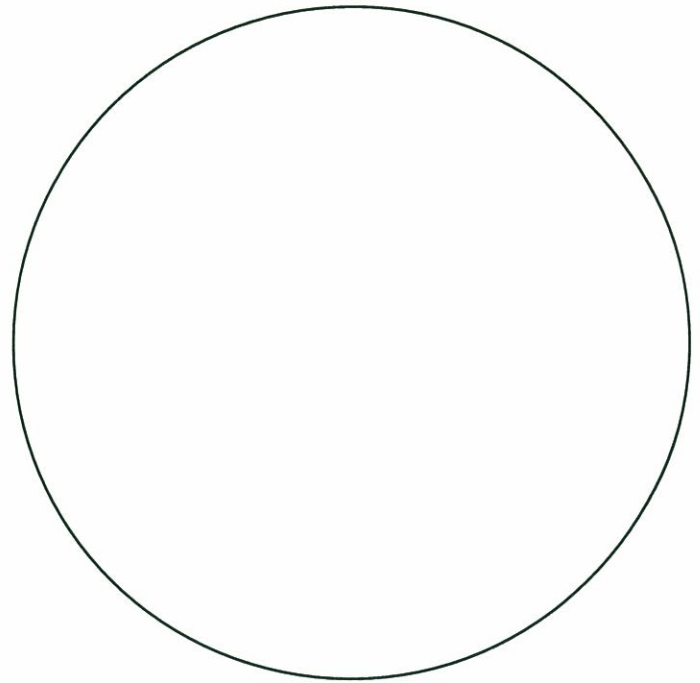
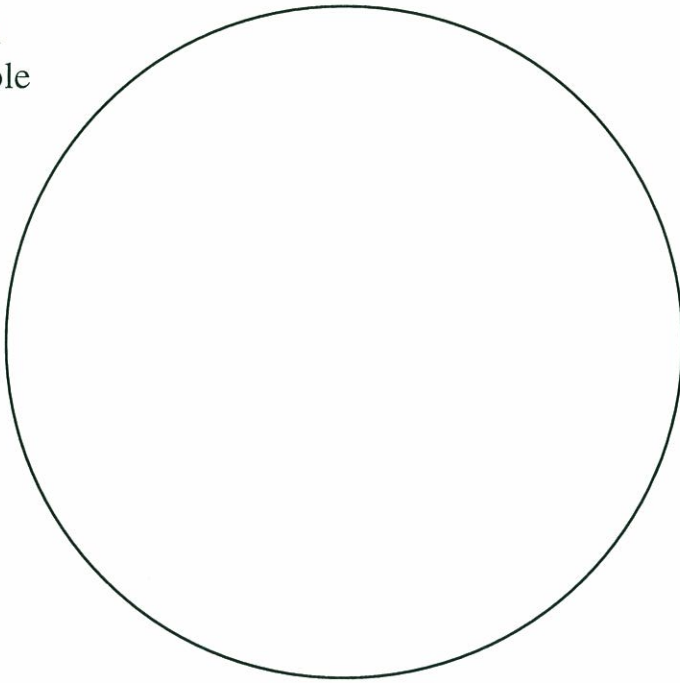
magenta



$\frac{1}{16}$

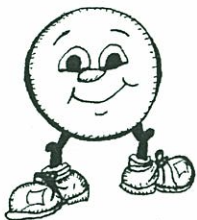
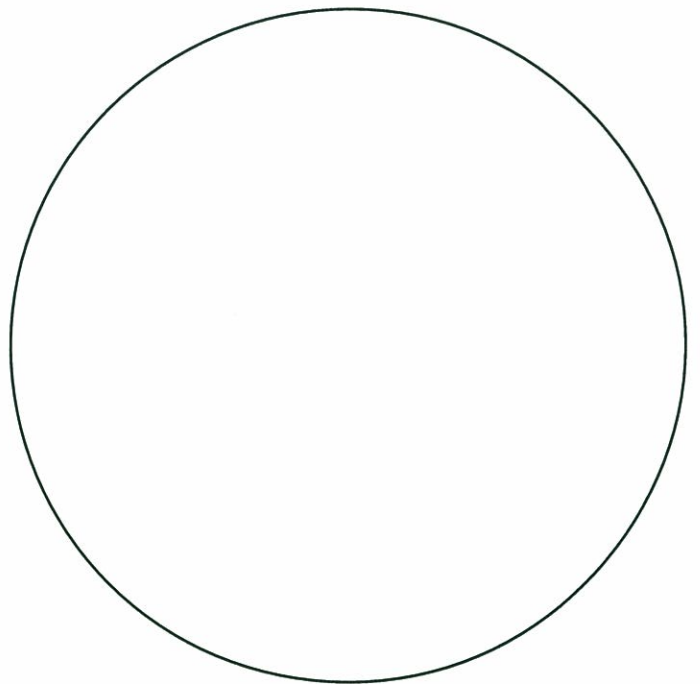
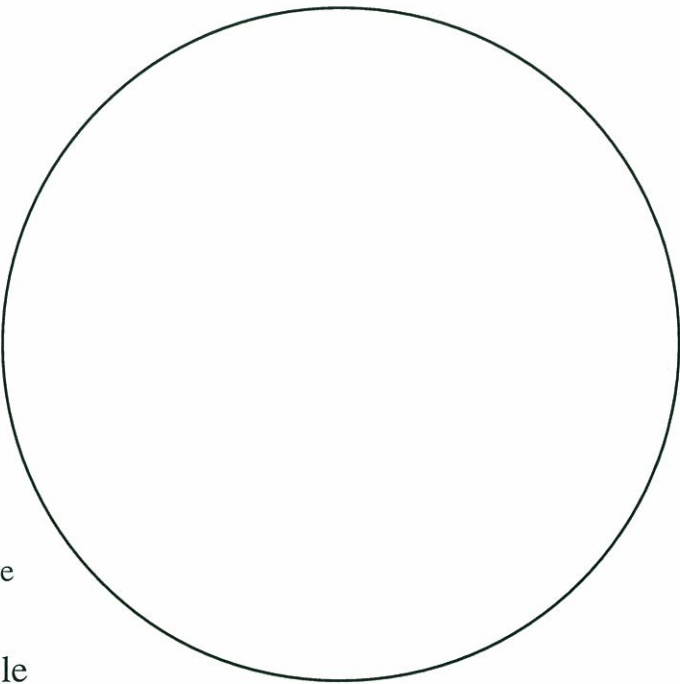


1  
whole



Prism Fractions® Paper Set ©2012 Pattern Press

white  
1  
whole

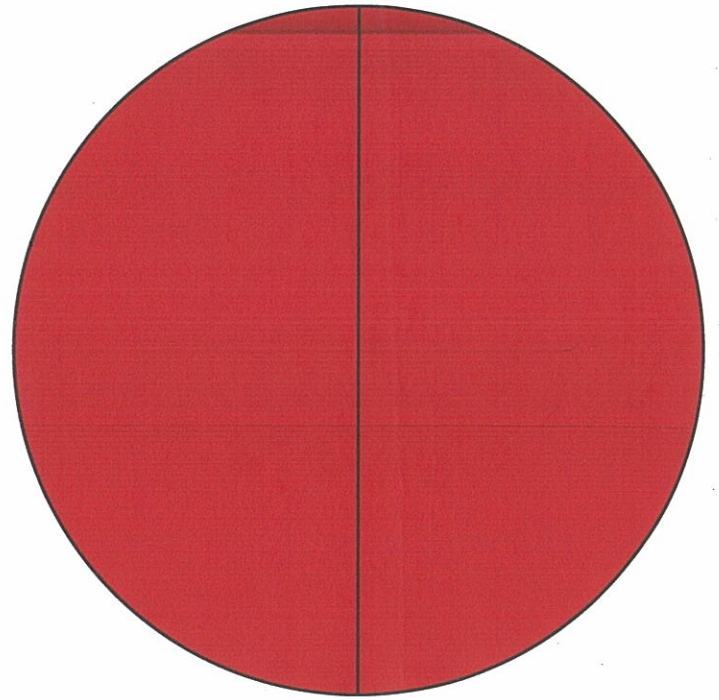
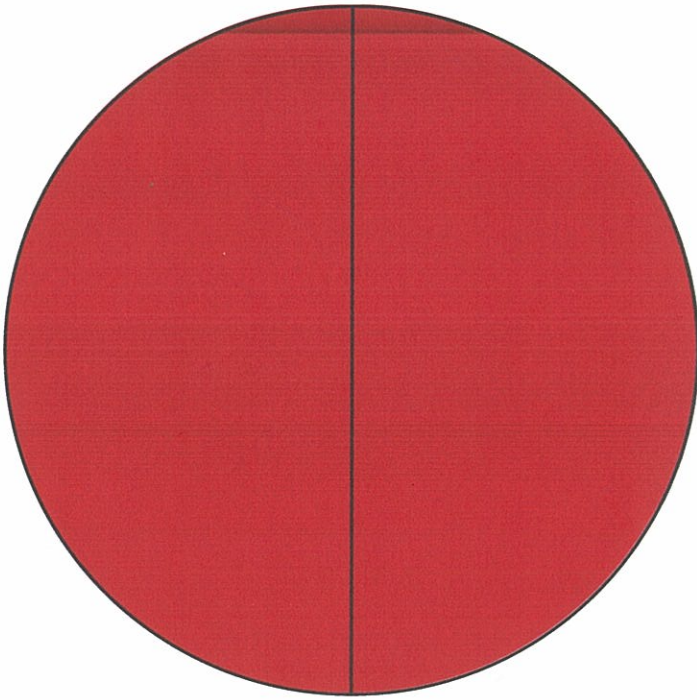


### Prism Fractions Paper Set - Circles

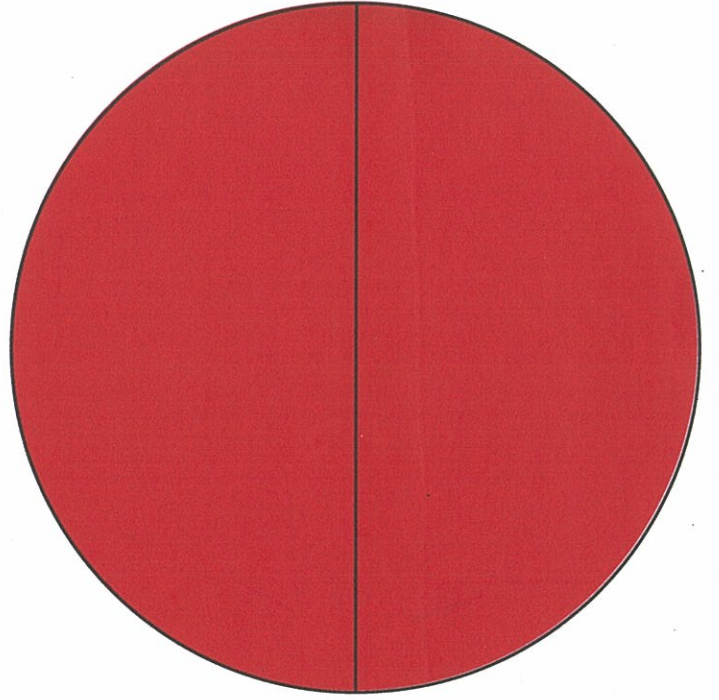
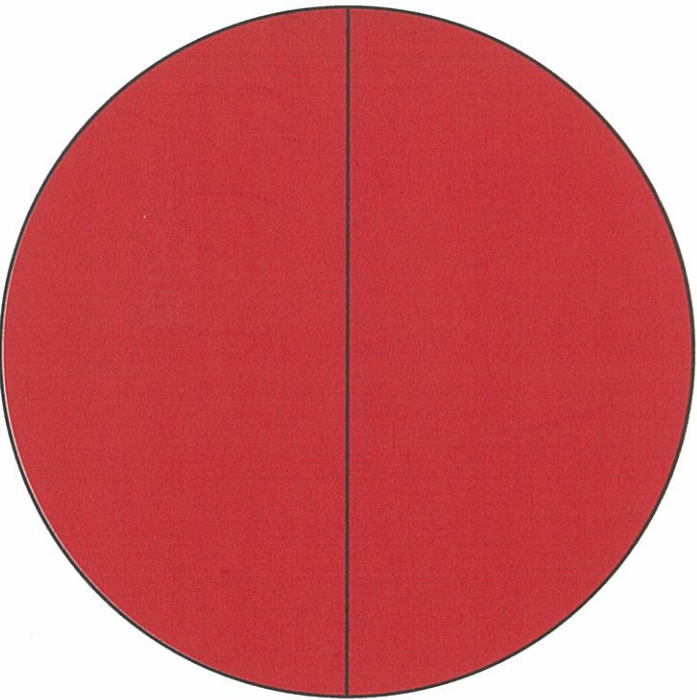
Carefully cut the fraction circles along the outside lines. In just one circle of each fractional unit from halves to eighths cut the circles into individual units along the inside lines. The fraction pieces from tenths to sixteenths are very small and harder to use if cut, so leave these uncut.

$\frac{1}{2}$

Cut along fine lines.

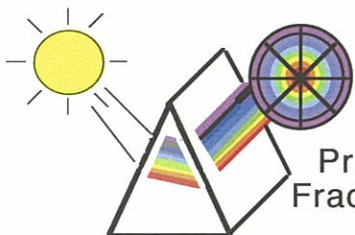


Prism Fractions® Paper Set ©2012 Pattern Press



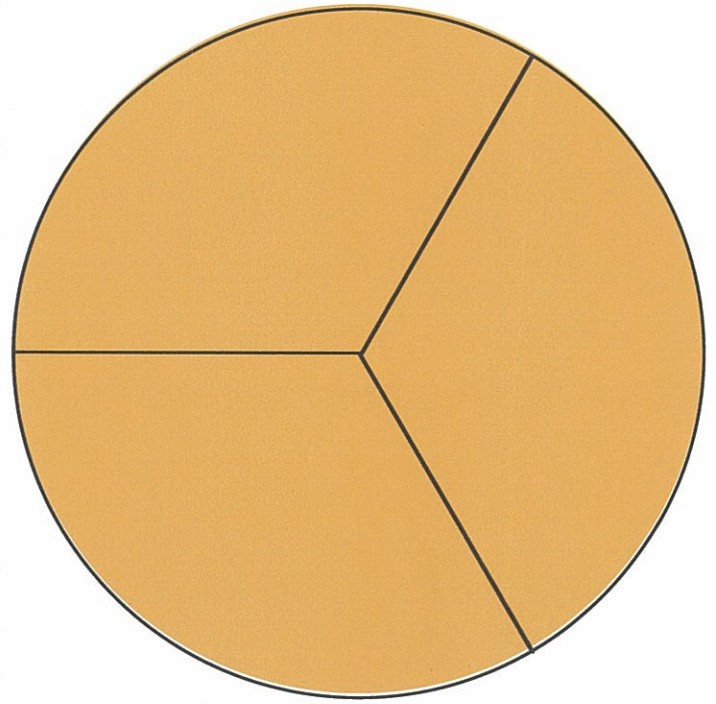
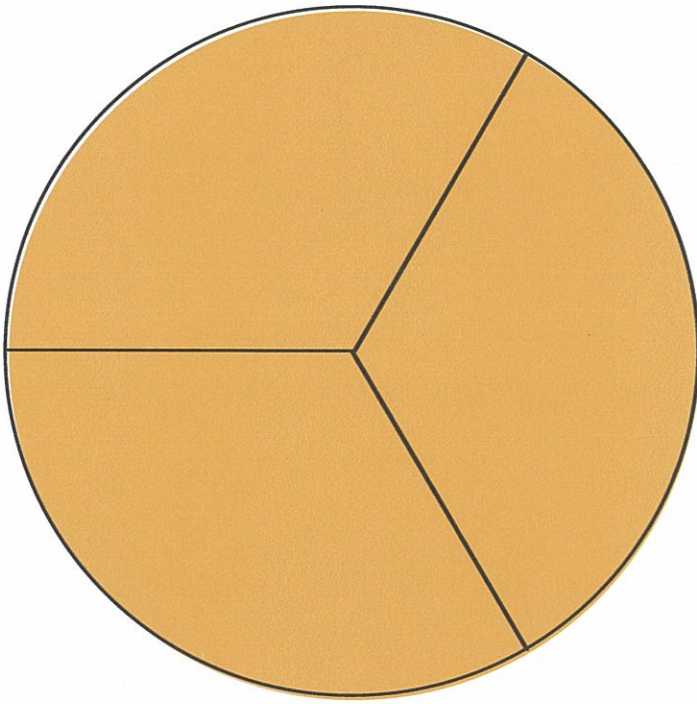
red

$\frac{1}{2}$

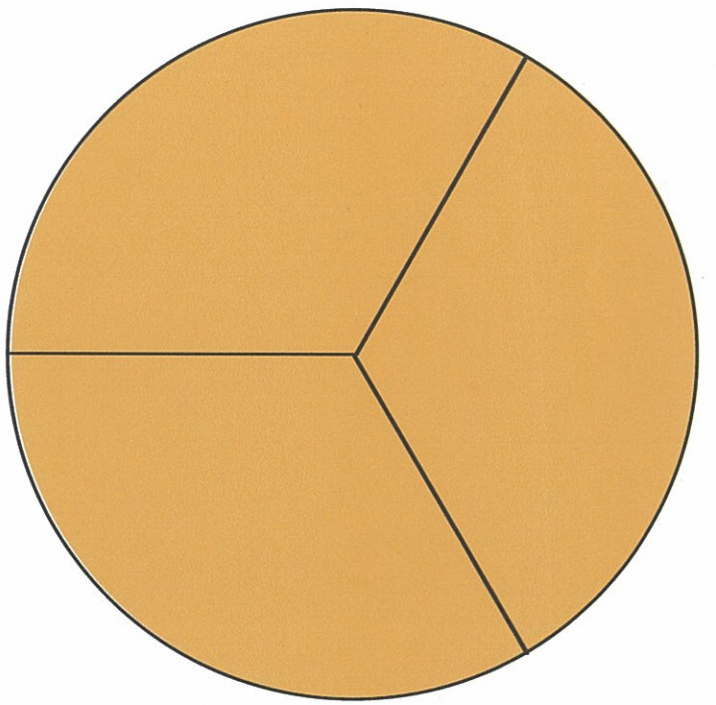
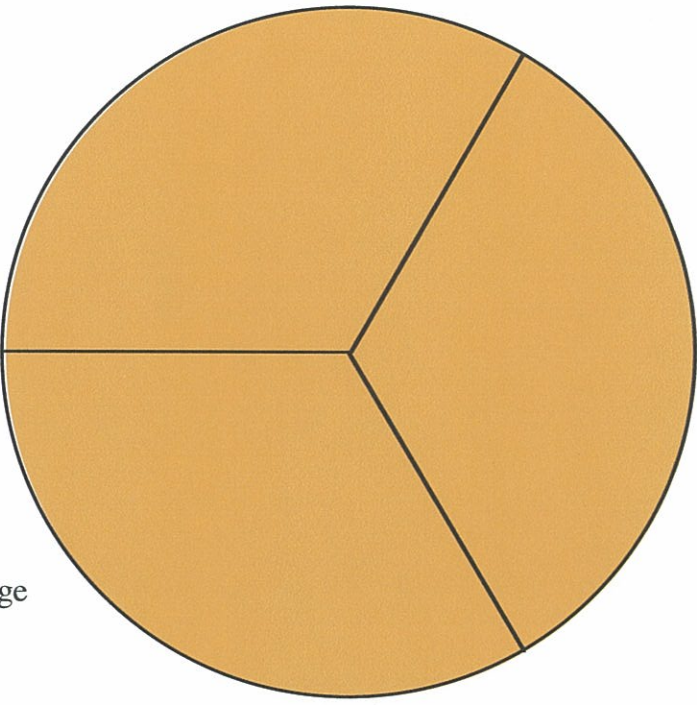


Prism Fractions®

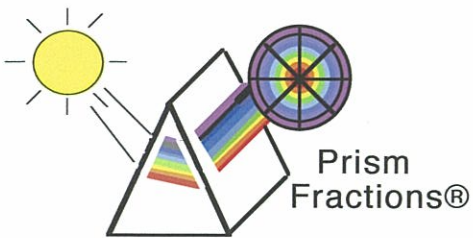
Cut along fine lines.



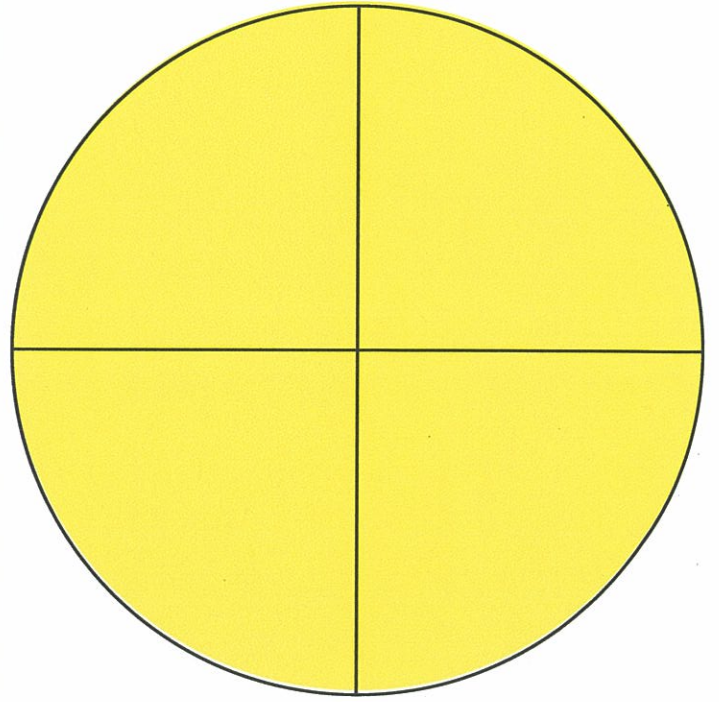
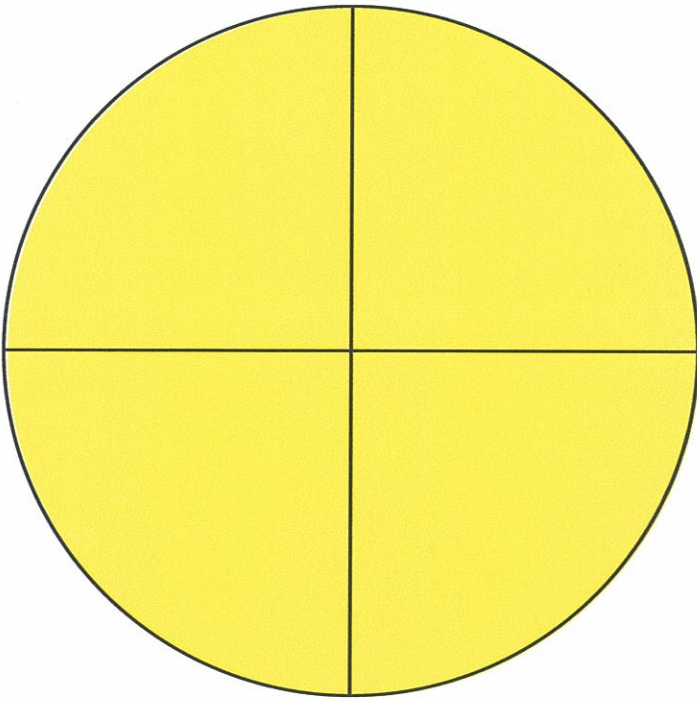
Prism Fractions® Paper Set ©2012 Pattern Press



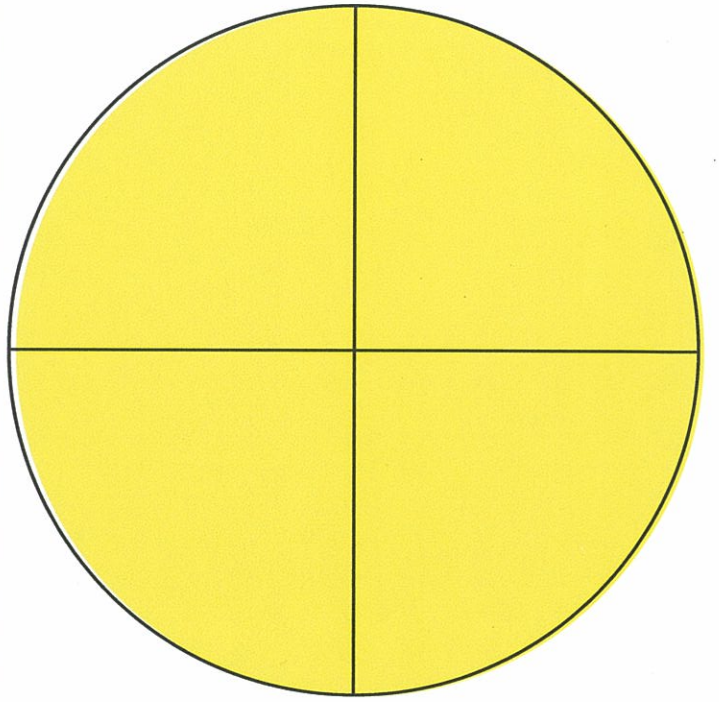
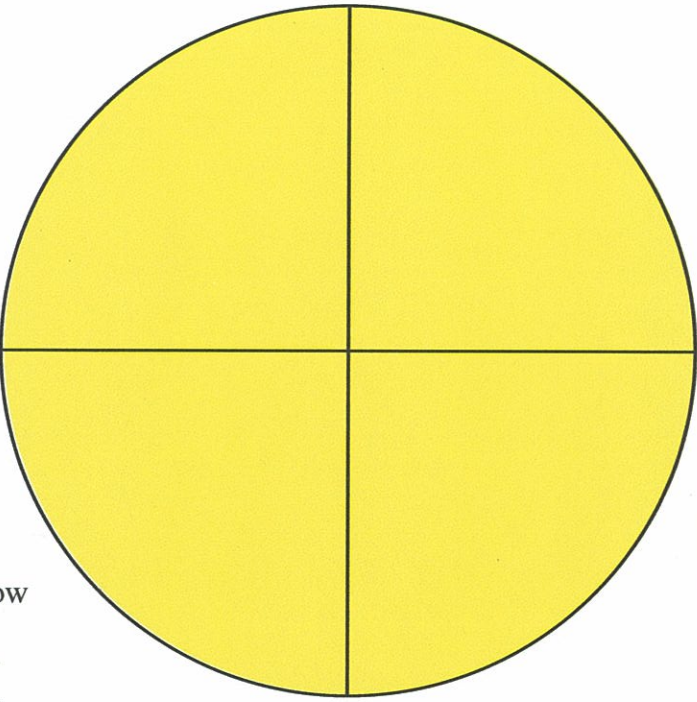
orange  
 $\frac{1}{3}$



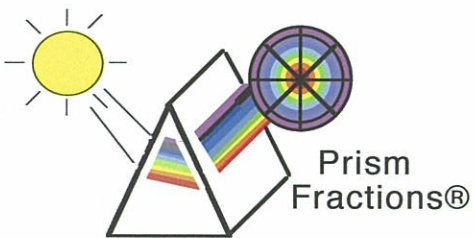
Cut along fine lines.



Prism Fractions® Paper Set ©2012 Pattern Press

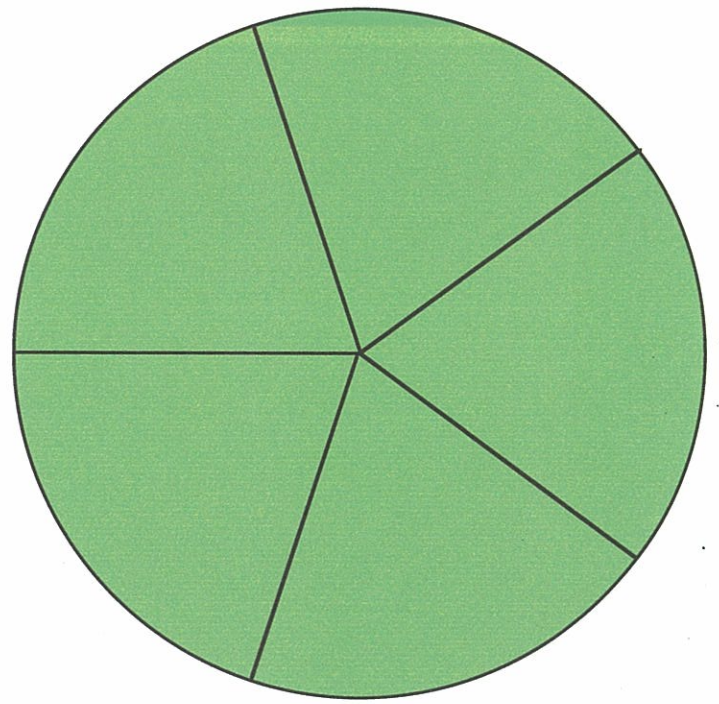
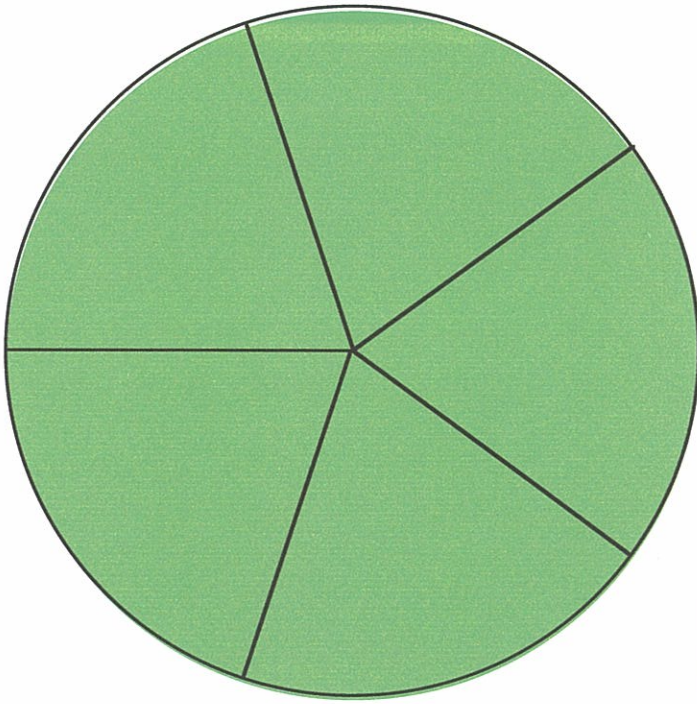


yellow  
 $\frac{1}{4}$

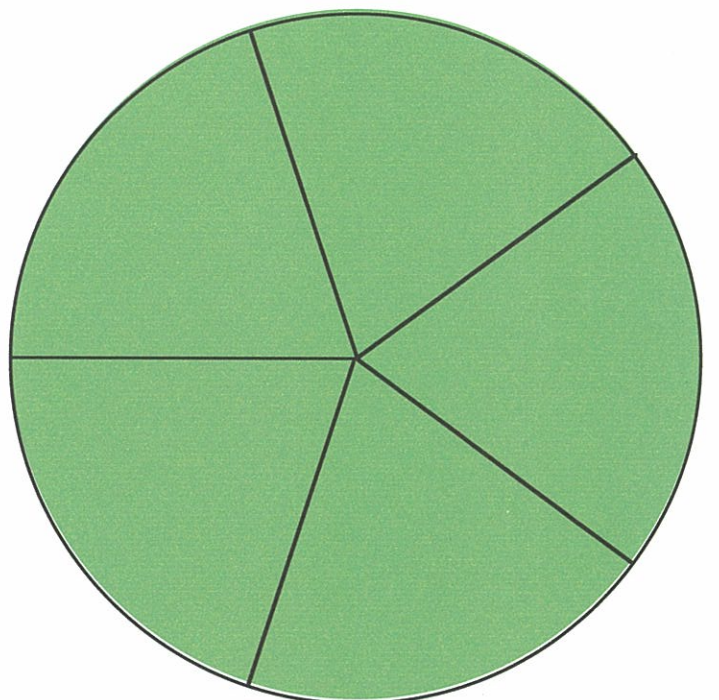
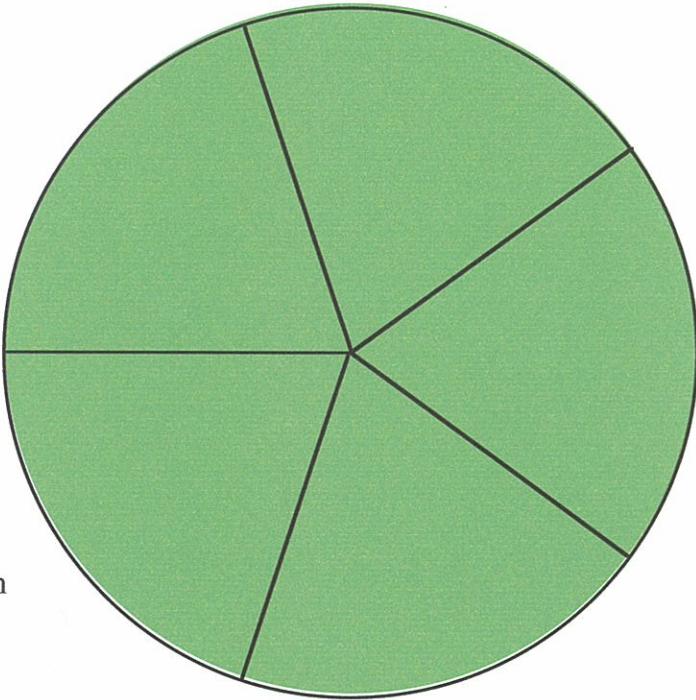




Cut along fine lines.

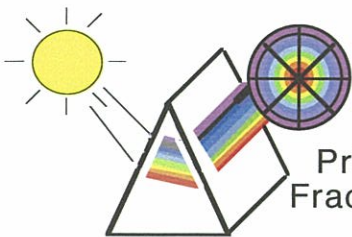


Prism Fractions® Paper Set ©2012 Pattern Press



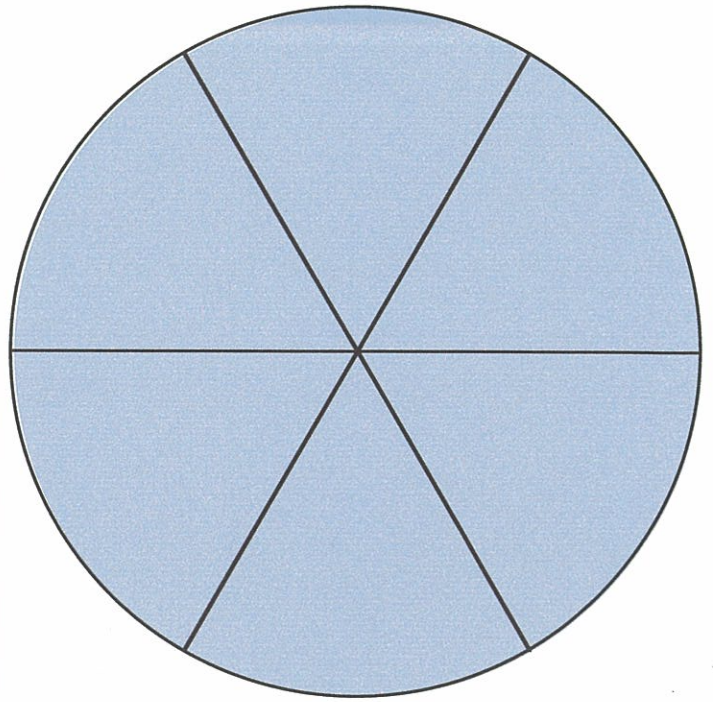
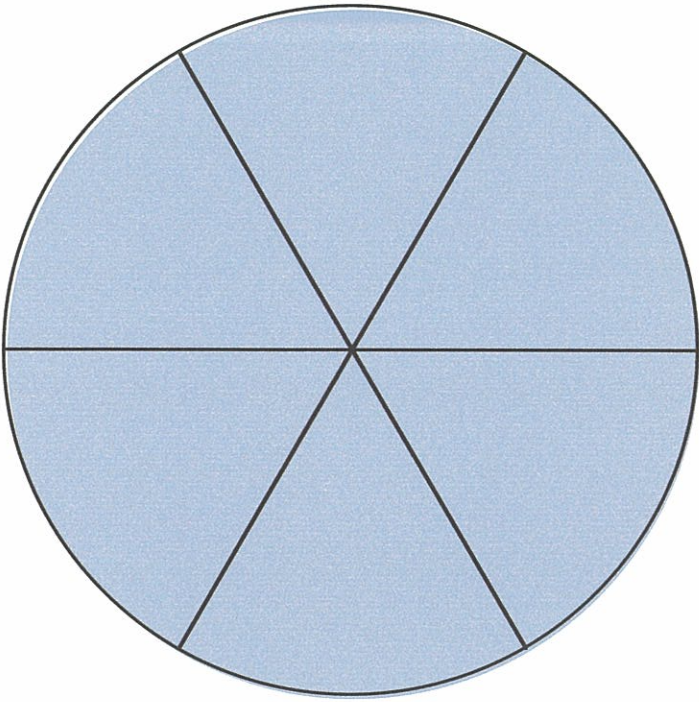
green

$\frac{1}{5}$

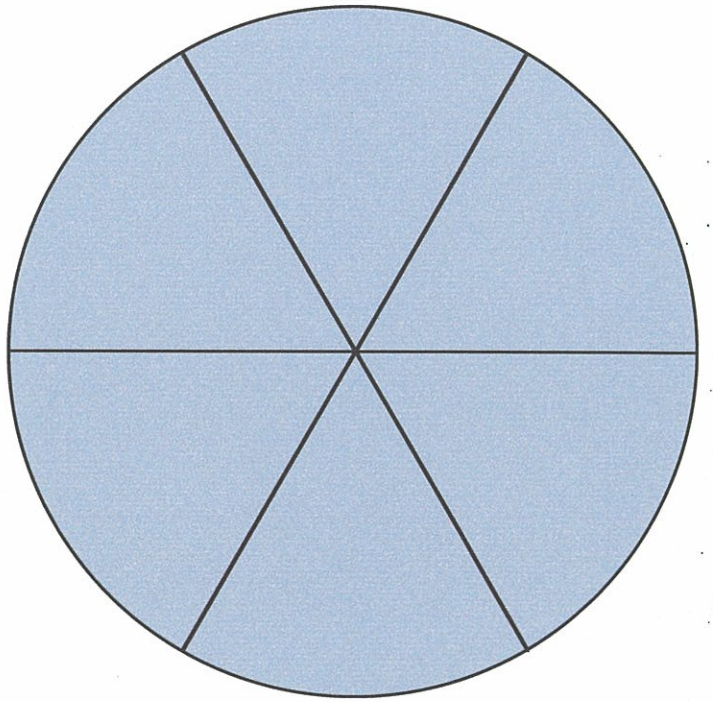
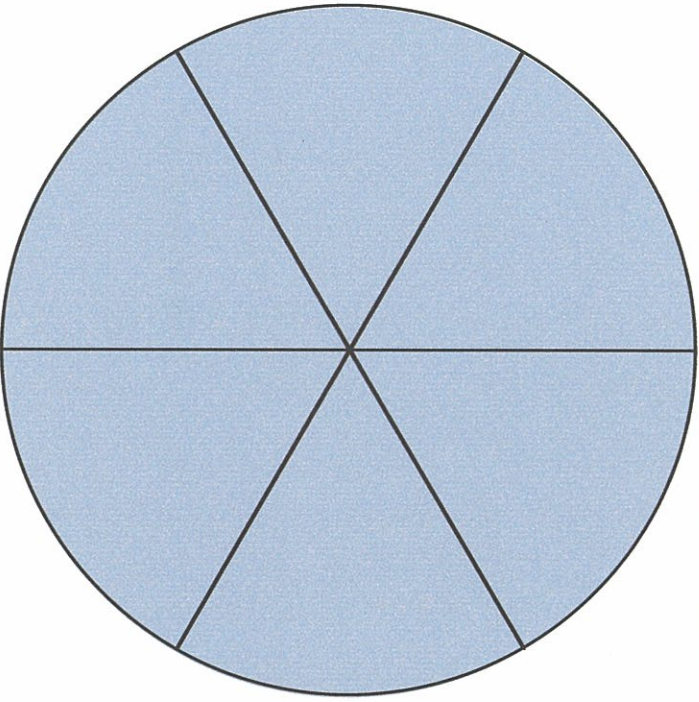


Prism Fractions®

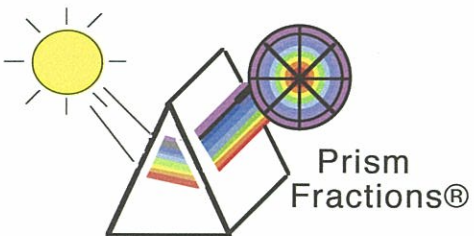
Cut along fine lines.



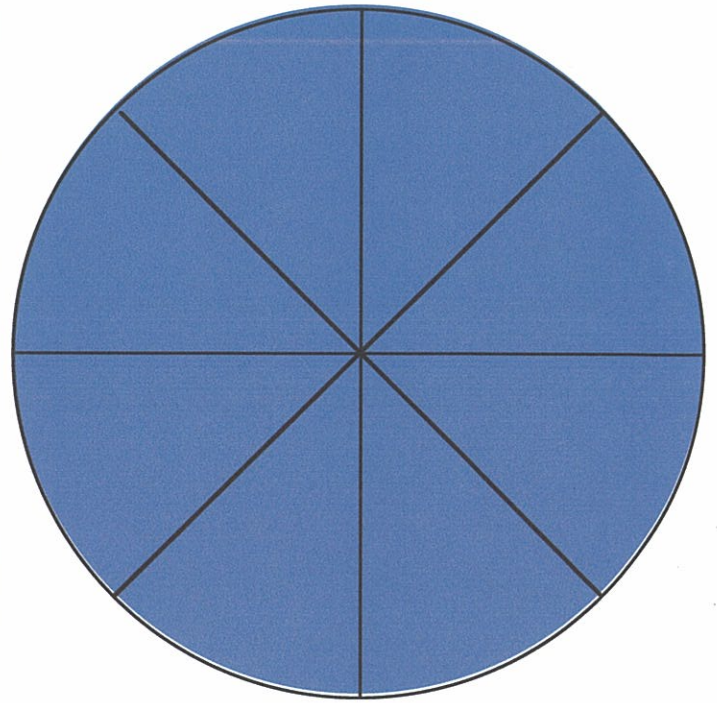
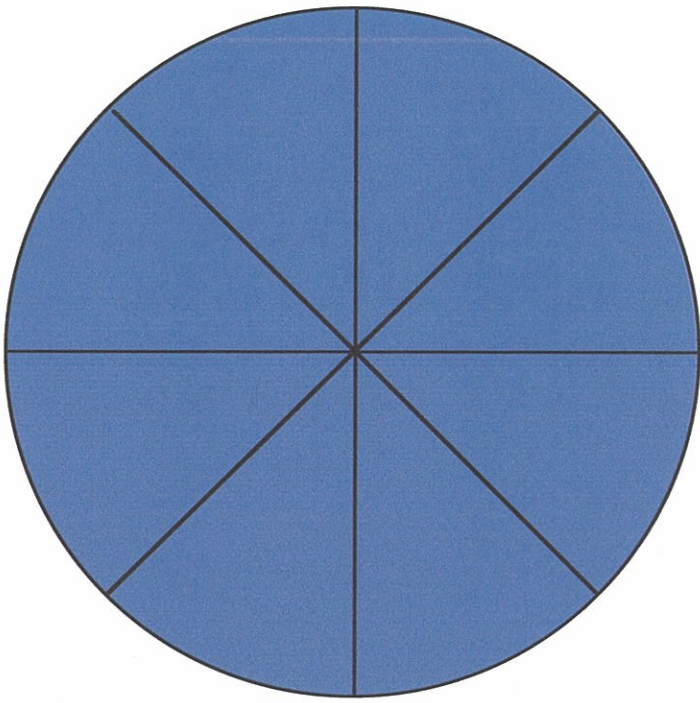
Prism Fractions® Paper Set ©2012 Pattern Press



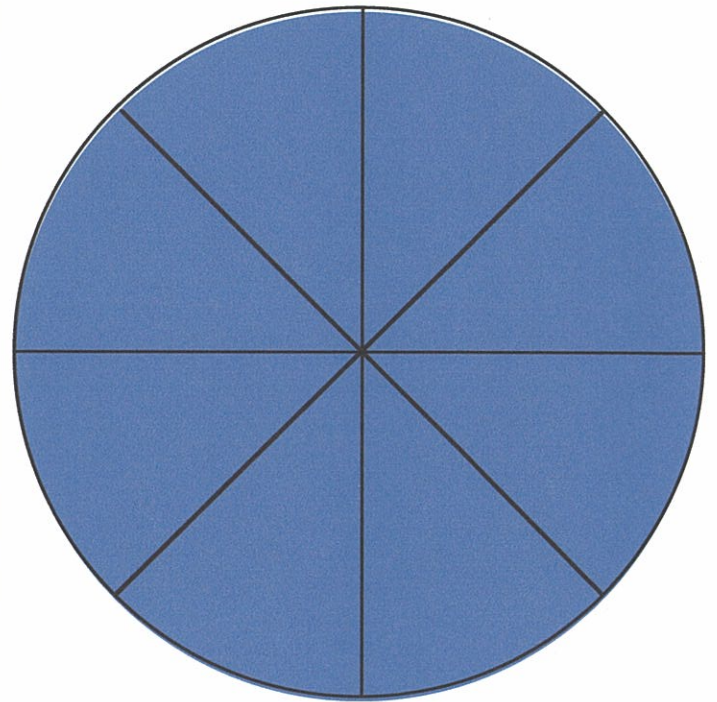
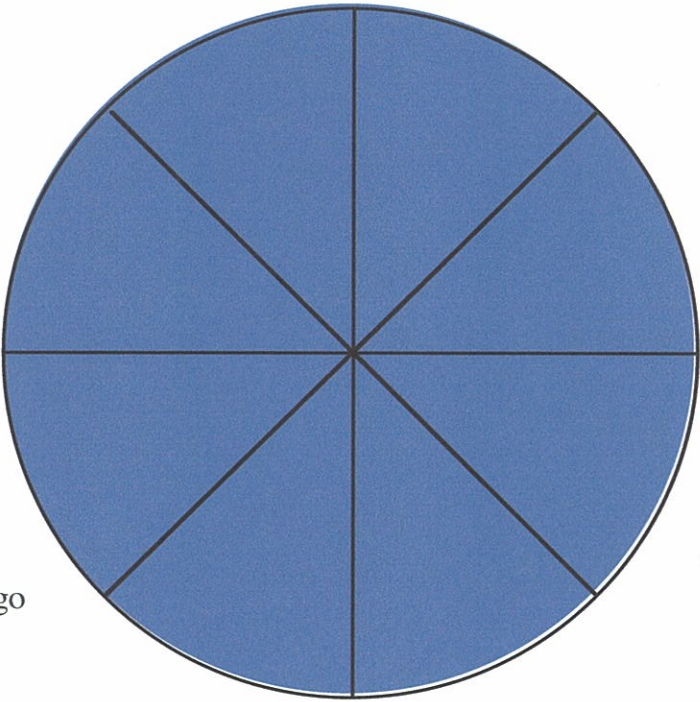
blue  
 $\frac{1}{6}$



Cut along fine lines.

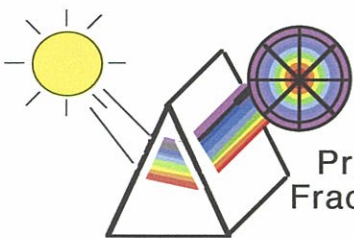


Prism Fractions® Paper Set ©2012 Pattern Press



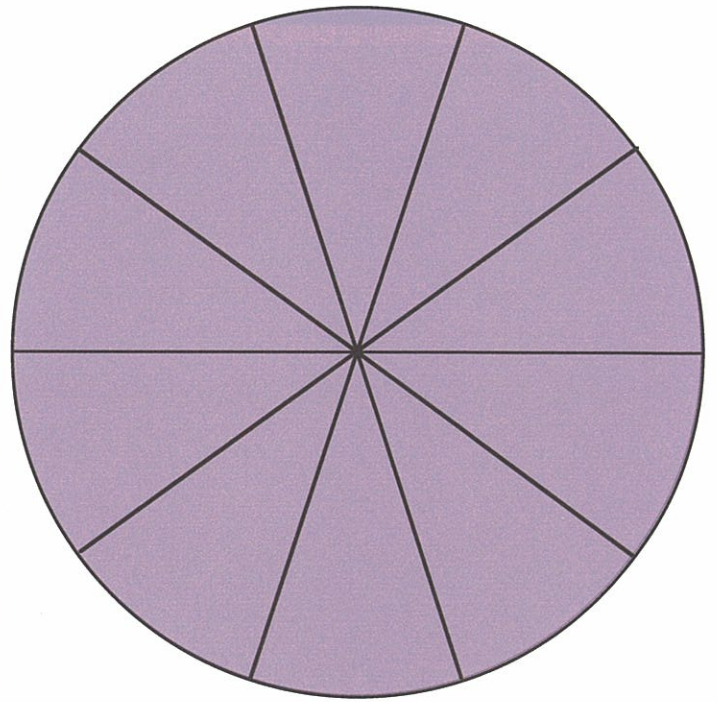
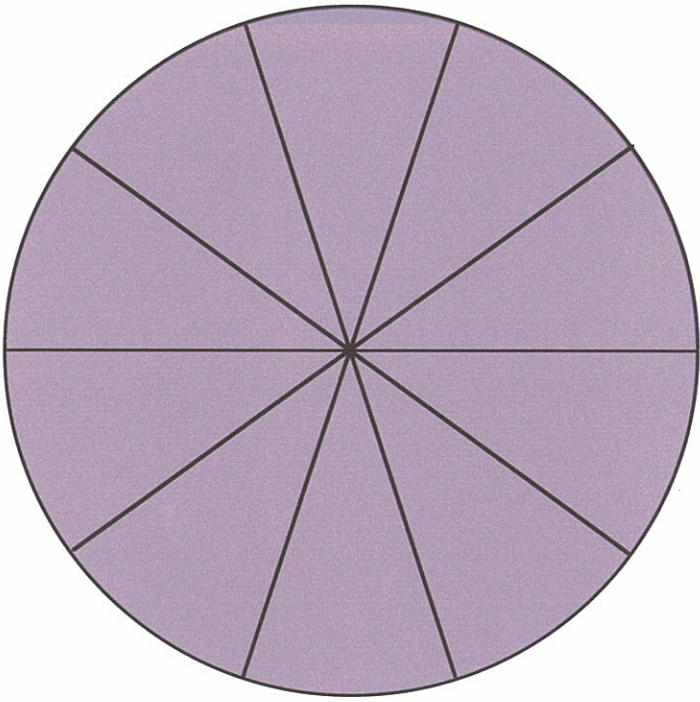
indigo

$\frac{1}{8}$

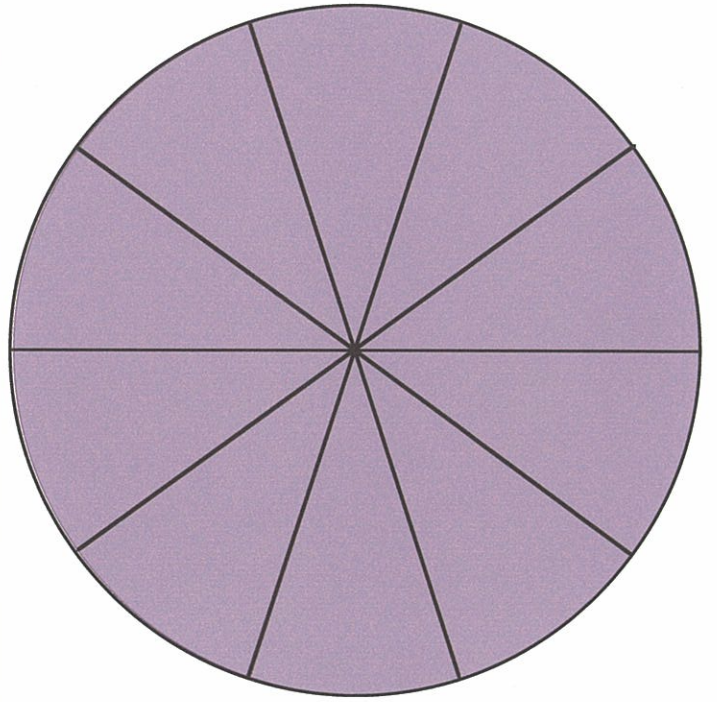
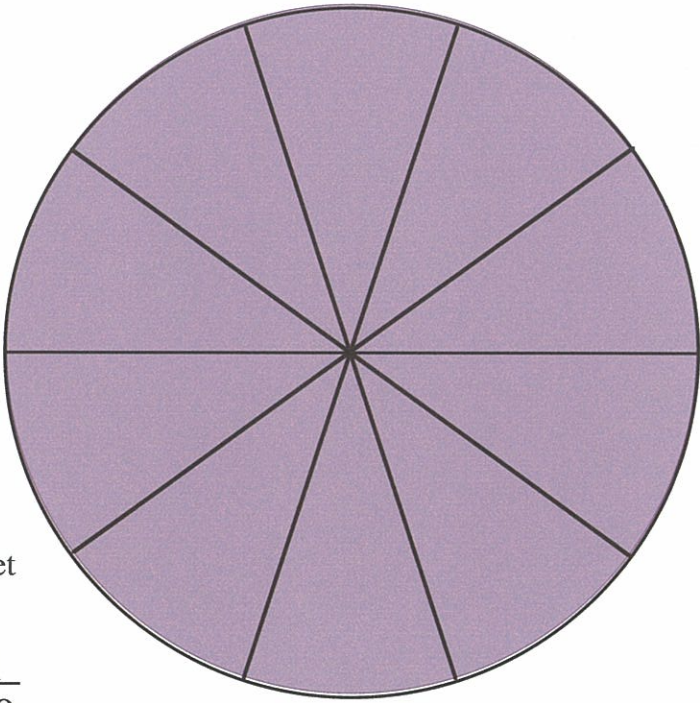


Prism Fractions®

Cut along fine lines.

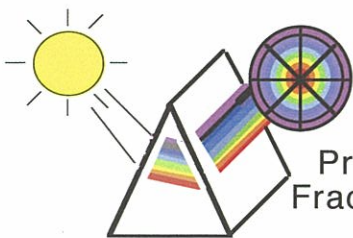


Prism Fractions® Paper Set ©2012 Pattern Press



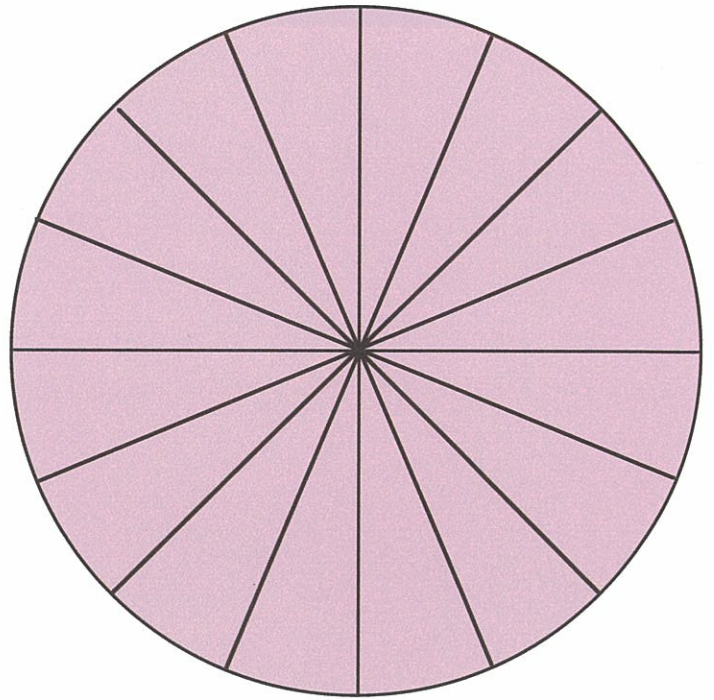
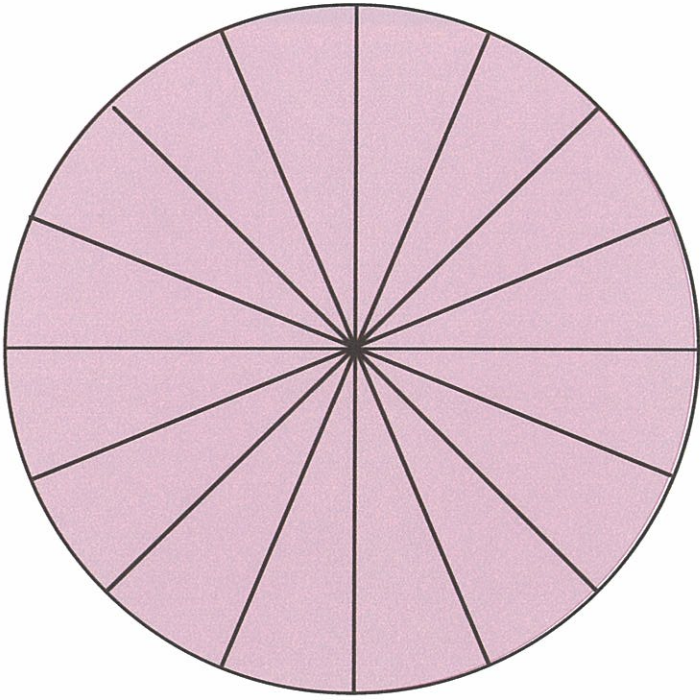
violet

$\frac{1}{10}$

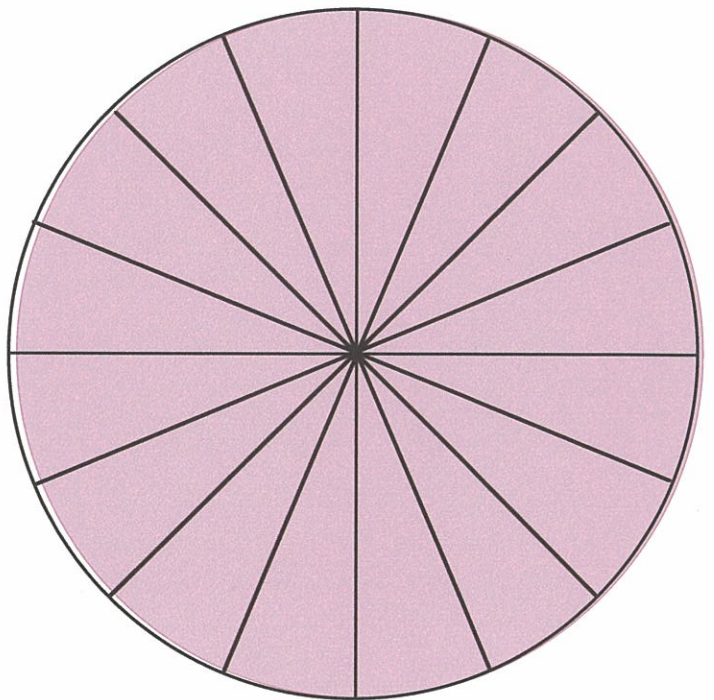
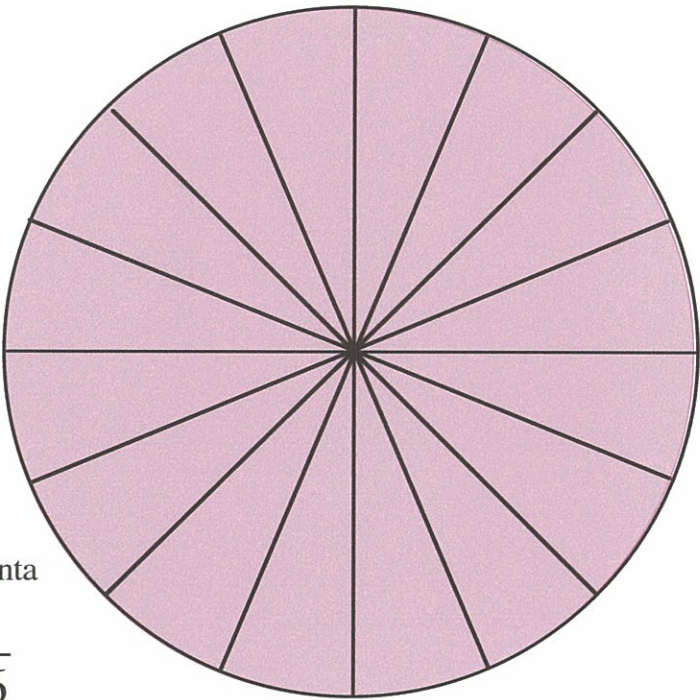


Prism Fractions®

Cut along fine lines.

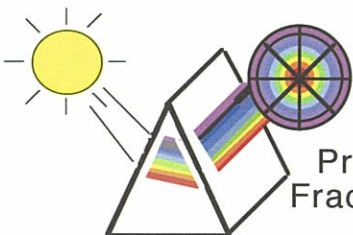


Prism Fractions® Paper Set ©2012 Pattern Press



magenta

$\frac{1}{16}$



Prism Fractions®

Patterns in Arithmetic  
Prism Fractions® Paper Set

ISBN 978-1-935559-73-3

ISBN 978-1-935559-73-3



9 781935 559733