

1, 2, 3 Math Clipart

Fractions & Decimals Set

Welcome to 1, 2, 3 Math Clipart, the Fractions & Decimals Set! This collection includes:

- **Fraction Models** - squares, circles and rectangles.
- **Overlapping Fraction Models** - fraction squares designed to be placed one on top of another. Great for teaching multiplication of fractions!
- **Numeric Fractions** - numeric fractions in vertical format.
- **Decimals** - tenths and hundredths models, from 0 hundredths to 100 hundredths, and everything in between!

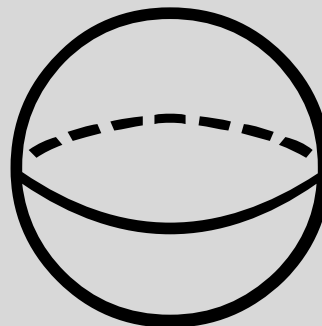
About the images...

All of the images in this set are in **EMF** (Enhanced Meta File) format. This vector-based style has a number of advantages over other formats, such as .jpeg and .gif. Scaling is much cleaner, and transparency is maintained. In the examples below, the .jpeg is not as clear as the .emf when enlarged, and also maintains a white “fill” inside and around the image. The .emf image has a transparent “fill”, making it appropriate to use on any background color.

jpeg



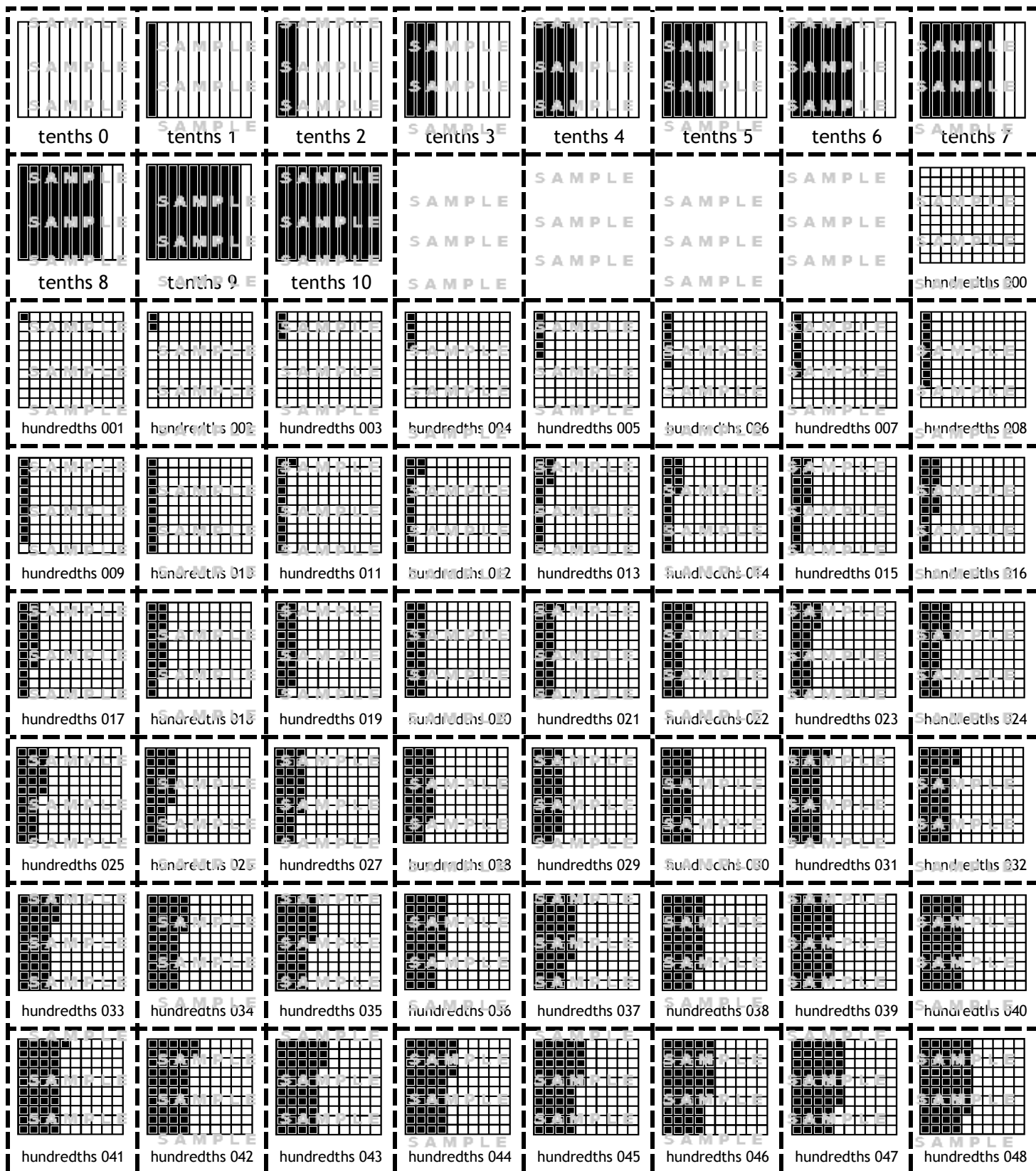
emf



Unlike other picture formats, EMF files can be difficult to preview in a folder. Every effort has been made to make filenames as descriptive and logical as possible, and image guides have been provided on the following pages.

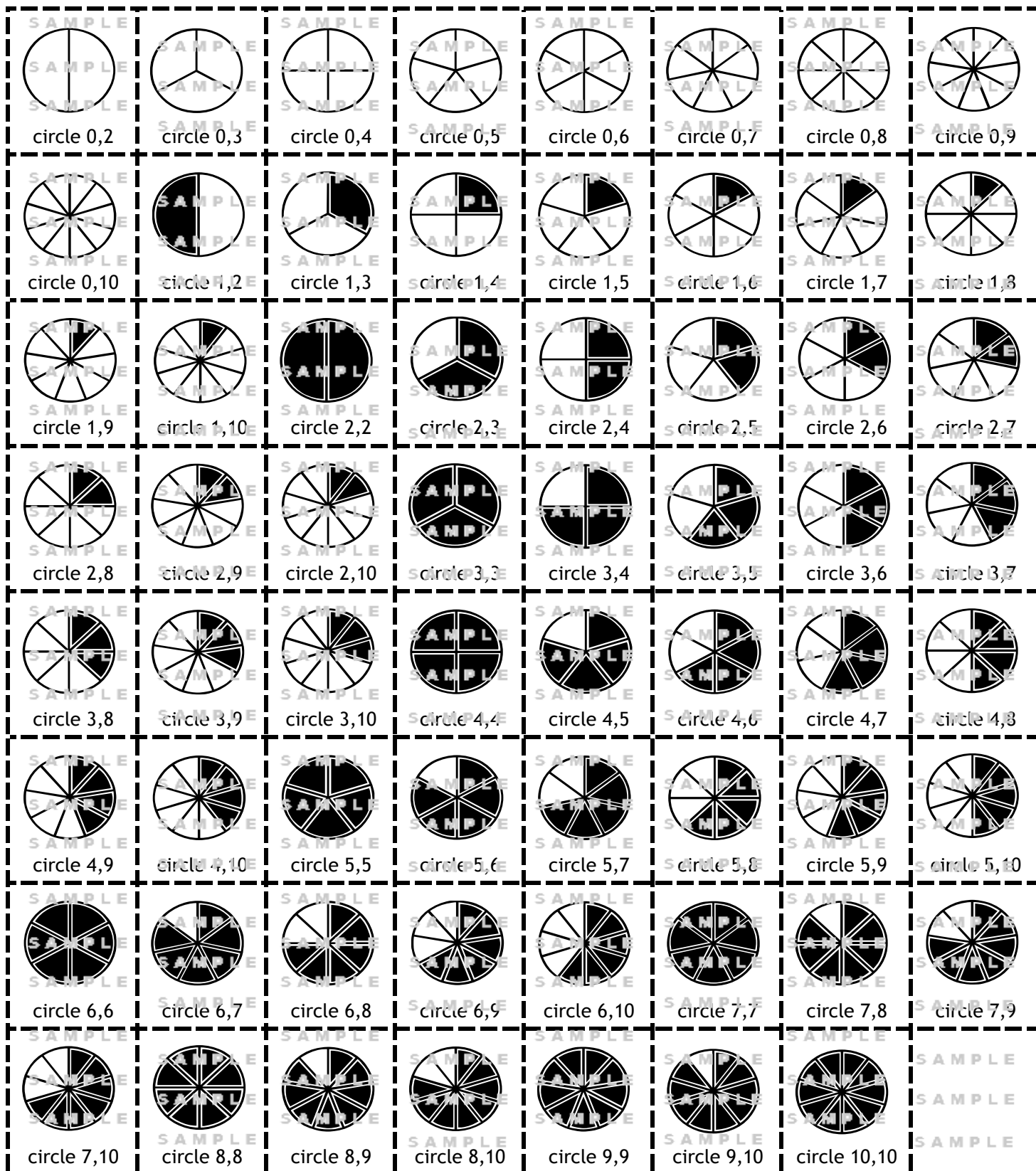
Decimals Clipart 1

Filenames for decimal clipart helps identify each decimal model. The word in each name identifies whether it is a tenths model or hundredths model, and the number tells how many parts are shaded.



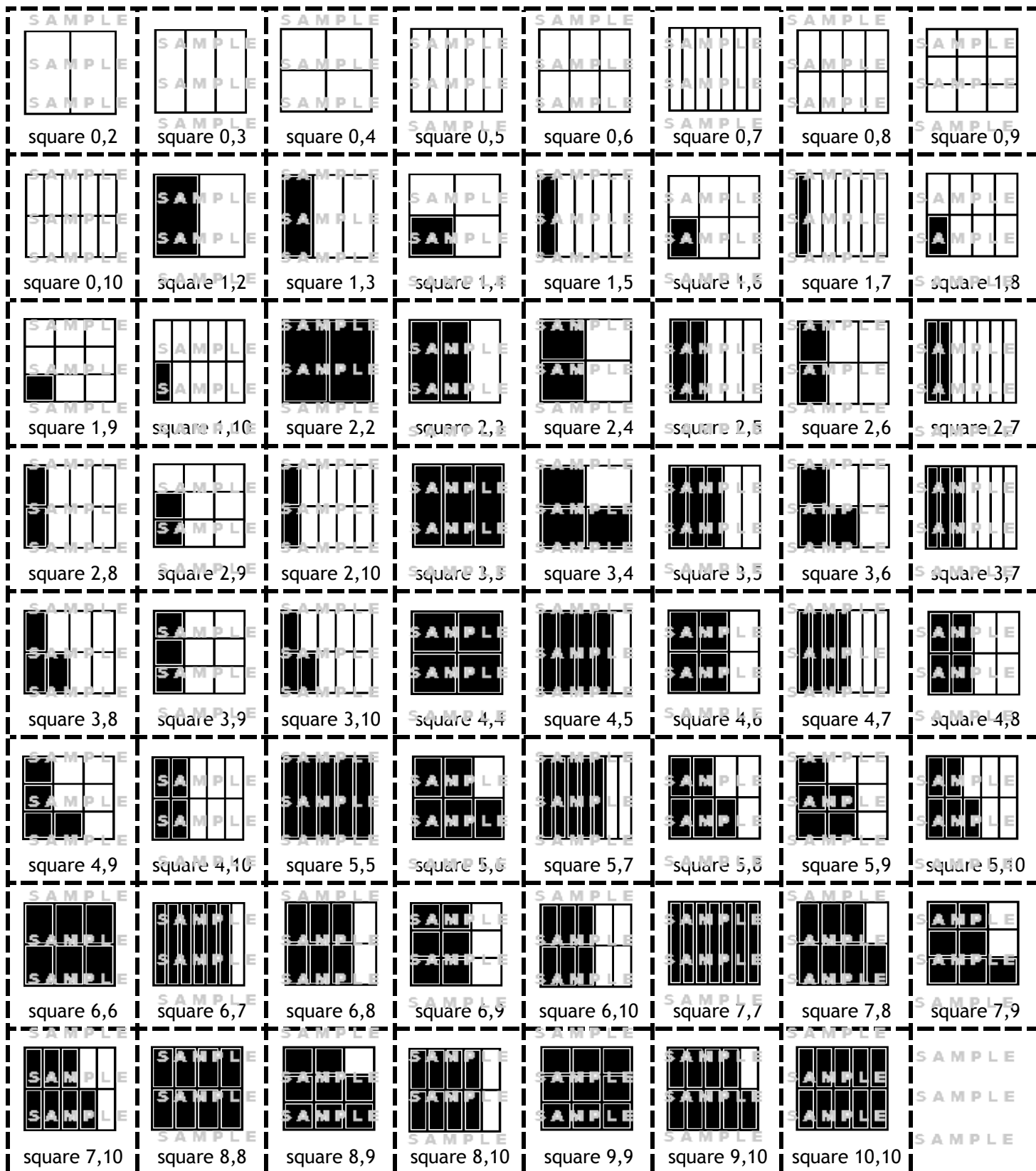
Fraction Circles Clipart

Filenames for fractions clipart help identify each type of fraction. The first digit(s) represents the numerator, and the last digit(s) represents the denominator.



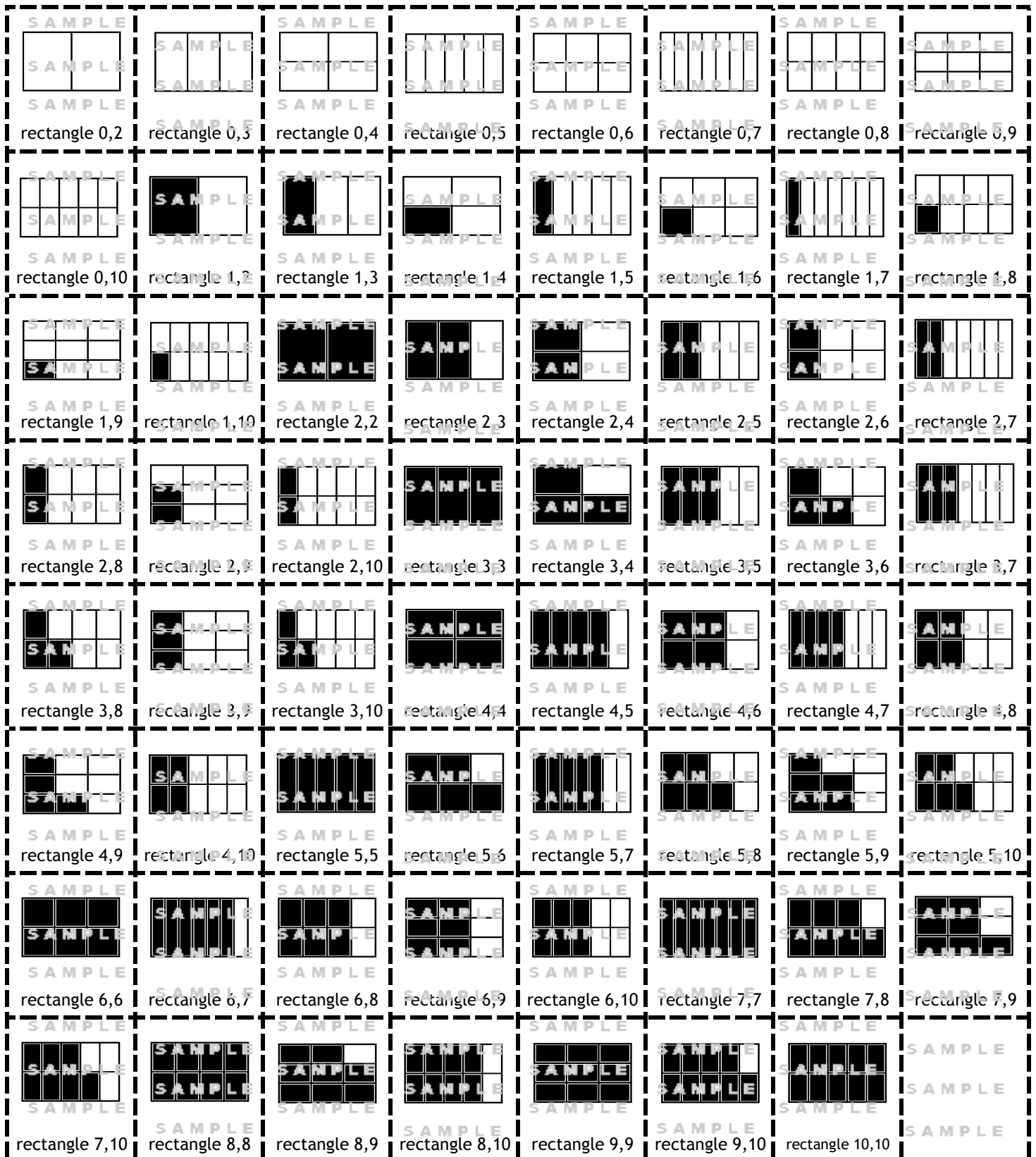
Fraction Squares Clipart

Filenames for fractions clipart help identify each type of fraction. The first digit(s) represents the numerator, and the last digit(s) represents the denominator.



Fraction Rectangles Clipart

Filenames for fractions clipart help identify each type of fraction. The first digit(s) represents the numerator, and the last digit(s) represents the denominator.



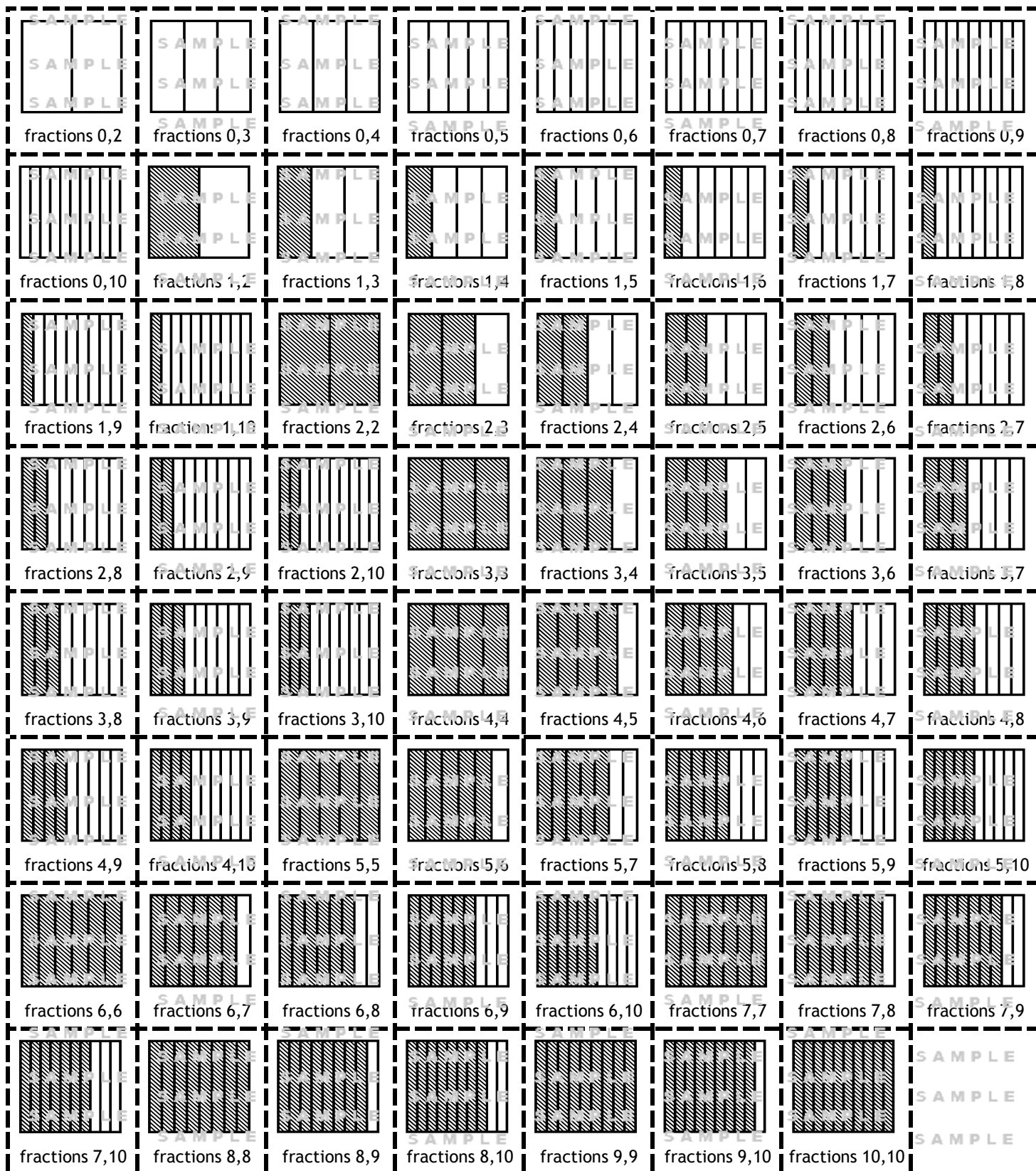
Fraction Numbers Clipart

Filenames for fractions clipart help identify each type of fraction. The first digit(s) represents the numerator, and the last digit(s) represents the denominator.

$\frac{0}{2}$ fraction 0,2	$\frac{0}{3}$ fraction 0,3	$\frac{0}{4}$ fraction 0,4	$\frac{0}{5}$ fraction 0,5	$\frac{0}{6}$ fraction 0,6	$\frac{0}{7}$ fraction 0,7	$\frac{0}{8}$ fraction 0,8	$\frac{0}{9}$ fraction 0,9
$\frac{0}{10}$ fraction 0,10	$\frac{1}{2}$ fraction 1,2	$\frac{1}{3}$ fraction 1,3	$\frac{1}{4}$ fraction 1,4	$\frac{1}{5}$ fraction 1,5	$\frac{1}{6}$ fraction 1,6	$\frac{1}{7}$ fraction 1,7	$\frac{1}{8}$ fraction 1,8
$\frac{1}{9}$ fraction 1,9	$\frac{1}{10}$ fraction 1,10	$\frac{2}{2}$ fraction 2,2	$\frac{2}{3}$ fraction 2,3	$\frac{2}{4}$ fraction 2,4	$\frac{2}{5}$ fraction 2,5	$\frac{2}{6}$ fraction 2,6	$\frac{2}{7}$ fraction 2,7
$\frac{2}{8}$ fraction 2,8	$\frac{2}{9}$ fraction 2,9	$\frac{2}{10}$ fraction 2,10	$\frac{3}{3}$ fraction 3,3	$\frac{3}{4}$ fraction 3,4	$\frac{3}{5}$ fraction 3,5	$\frac{3}{6}$ fraction 3,6	$\frac{3}{7}$ fraction 3,7
$\frac{3}{8}$ fraction 3,8	$\frac{3}{9}$ fraction 3,9	$\frac{3}{10}$ fraction 3,10	$\frac{4}{4}$ fraction 4,4	$\frac{4}{5}$ fraction 4,5	$\frac{4}{6}$ fraction 4,6	$\frac{4}{7}$ fraction 4,7	$\frac{4}{8}$ fraction 4,8
$\frac{4}{9}$ fraction 4,9	$\frac{4}{10}$ fraction 4,10	$\frac{5}{5}$ fraction 5,5	$\frac{5}{6}$ fraction 5,6	$\frac{5}{7}$ fraction 5,7	$\frac{5}{8}$ fraction 5,8	$\frac{5}{9}$ fraction 5,9	$\frac{5}{10}$ fraction 5,10
$\frac{6}{6}$ fraction 6,6	$\frac{6}{7}$ fraction 6,7	$\frac{6}{8}$ fraction 6,8	$\frac{6}{9}$ fraction 6,9	$\frac{6}{10}$ fraction 6,10	$\frac{7}{7}$ fraction 7,7	$\frac{7}{8}$ fraction 7,8	$\frac{7}{9}$ fraction 7,9
$\frac{7}{10}$ fraction 7,10	$\frac{8}{8}$ fraction 8,8	$\frac{8}{9}$ fraction 8,9	$\frac{8}{10}$ fraction 8,10	$\frac{9}{9}$ fraction 9,9	$\frac{9}{10}$ fraction 9,10	$\frac{10}{10}$ fraction 10,10	

Overlapping Fractions Clipart

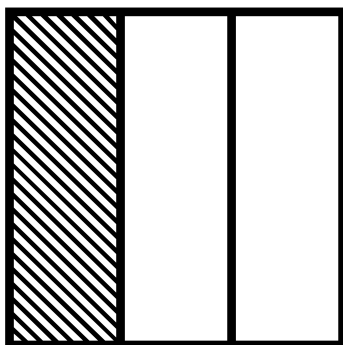
Filenames for fractions clipart help identify each type of fraction. The first digit(s) represents the numerator, and the last digit(s) represents the denominator. See next page for overlapping instructions.



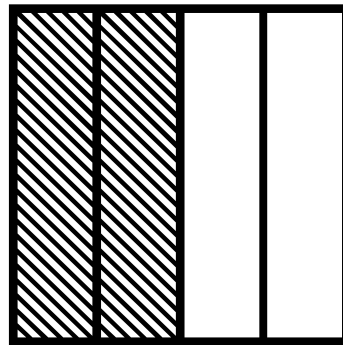
Overlapping Fractions Clipart

Laying one fraction model on top of another fraction model is a great way to visually demonstrate the multiplication of fractions. This process requires the use of text boxes (see Text Box Tutorial if needed).

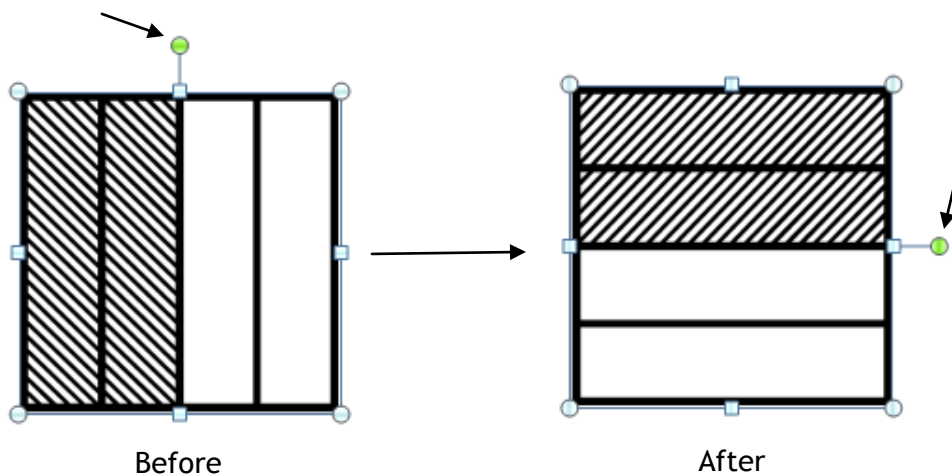
Step 1: Create a Text box and format it so that there is no line of fill. Choose Insert>Picture and select a fraction model.



Step 2: Repeat Step 1 to create another Text Box with another fraction model placed into it.



Step 3: Click on the fraction model you wish to rotate. You will notice a line with a green dot at the top of the picture. Click and hold the green dot while dragging the mouse to rotate the image.



Step 4: Click on the frame of one of the Text Boxes and drag it into place over the other Text Box. Use the arrow keys for more precise movement of the Text Boxes.

This example shows that
 $1/3 \times 2/4 = 2/12$

