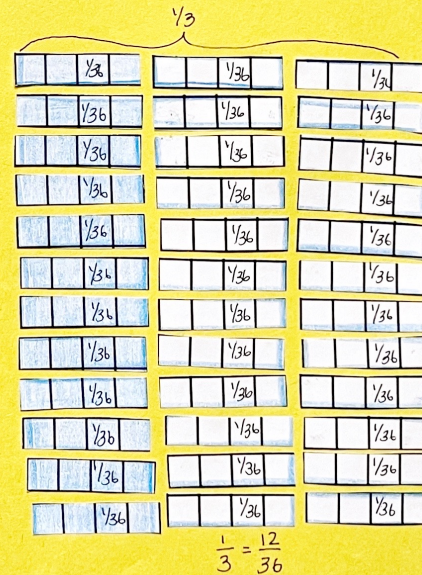
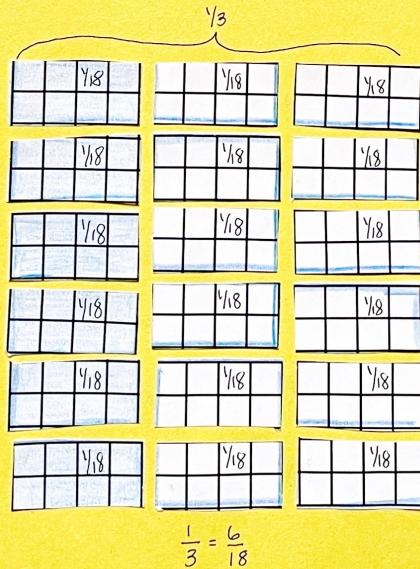
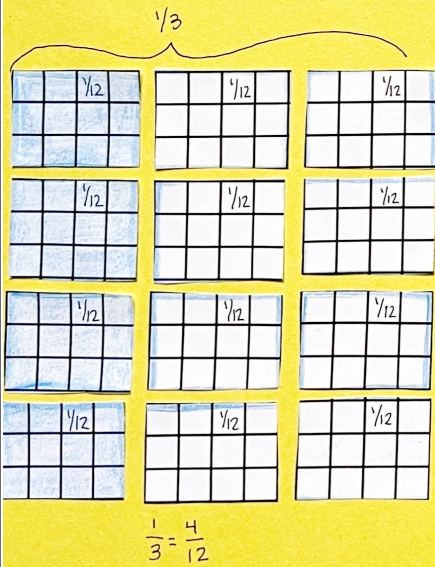
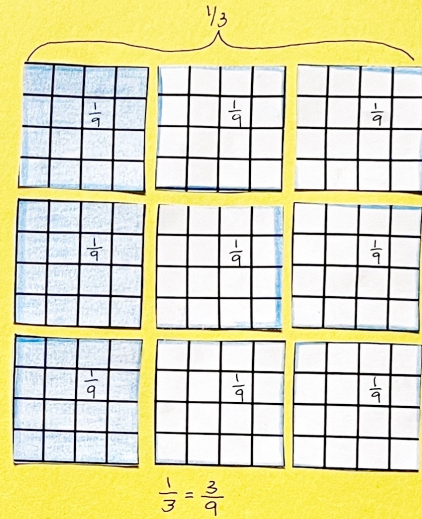
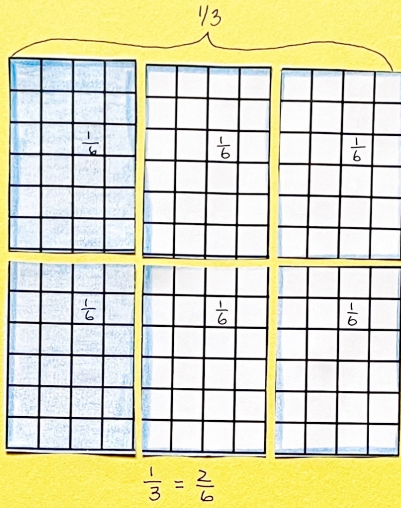
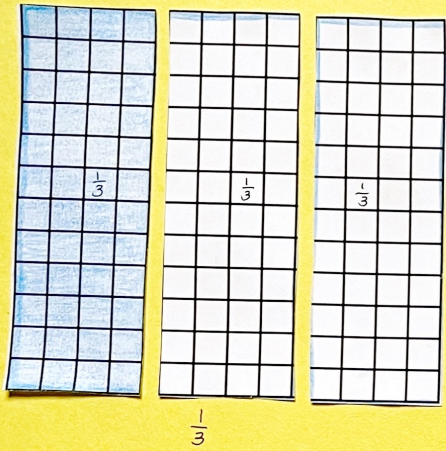


MATH WORKSHOP

EQUIVALENT FRACTIONS



EQUIVALENT FRACTIONS REPRESENTATION



PRINTABLE & DIGITAL



DIGITAL VERSION

This unit includes a digital version. You can assign parts of the resource to your students whether you are at school or distance learning.

Comparing Out

Finish

Simplifying A Dog's Life

Directions: Simplify each fraction to the right to its lowest terms, then type the answer in the box and color according to the code. Then connect the yellow and blue boxes to show the path to the finish.

Color	If simplifies to
Pink	1/2
Blue	1/3
Yellow	1/4
Green	1/5

ANCHOR CHARTS

Detailed anchor charts that break things down for your students to help them understand important concepts.

NOTICING PATTERNS WITH EQUIVALENT FRACTIONS

The first partition was to create the fraction. It counts as one partition. Every partition that follows (in the opposite direction) is how many times that section has been partitioned.

Partitioned 1 time

$\frac{1}{4} = \frac{1}{4}$

Partitioned 2 times

$\frac{2}{8} = \frac{1}{4}$

Partitioned 3 times

$\frac{3}{12} = \frac{1}{4}$

EQUIVALENT FRACTIONS

Fractions that have the same value.

THE AREA MODEL

$\frac{1}{2} = \frac{2}{4}$ is equivalent. $\frac{4}{8} = \frac{2}{4}$ is equivalent.

All of these area models have the same-size whole. The shaded parts show the same part of the whole.

THE LINEAR MODEL

Three $\frac{1}{3}$ strips are equal to $\frac{1}{1}$. So, $\frac{1}{3} = \frac{1}{3}$.

Two $\frac{1}{2}$ points on the number line are equal to $\frac{1}{1}$. So, $\frac{1}{2} = \frac{1}{2}$.

ACTIVITIES

Hands-on, concrete activities that use manipulatives. Activities are created based on research and best practices. Students are engaged and enjoy math more.

SPIN & FILL IN

Directions: Spin the spinner and find a fraction that completes to make it equivalent. If the number cannot be used, your turn is over. Continue until all the fractions in your strip have been completed. The first person to fill in all the missing fractions of their strip correctly wins!

GO GROOVIN' TO THE COMMON DENOMINATOR

Directions: Spin the spinner to determine who goes first. The player who spins the largest number goes first. On their turn, that player spins the spinner for a lowest common denominator. That player looks for the smallest square with a fraction pair that would have the number spun as its lowest common denominator (LCM). The player spins may be added the current space the marker is on. Other players check the answer. If it is correct, you play where you are. If it is not, you return to start. Play continues in this manner taking turns until a player reaches finish.

SCOOP UP SOME EQUIVALENT FRACTIONS

Look at the fraction in the cone. Write an equivalent fraction and place it into a matching ice cream cone. Check your answers when finishing using multiplication.

FALLING FOR COMMON DENOMINATORS

Directions: Find the common denominator for each pair of fractions in the box. Write the letter next to the matching denominator in the box.

A	$\frac{1}{4}$	B	$\frac{1}{2}$	C	$\frac{1}{3}$	D	$\frac{1}{2}$
E	$\frac{2}{5}$	F	$\frac{1}{5}$	G	$\frac{7}{8}$	H	$\frac{5}{6}$
I	$\frac{3}{7}$	J	$\frac{1}{4}$	K	$\frac{3}{4}$	L	$\frac{3}{4}$
M	$\frac{1}{3}$	N	$\frac{3}{4}$	O	$\frac{1}{16}$	P	$\frac{1}{8}$
Q	$\frac{4}{9}$	R	$\frac{4}{5}$	S	$\frac{10}{11}$	T	$\frac{7}{22}$

The King of Fractions

Directions: Color in the box below that makes each comparison true. Use cross multiplication to help you, when you are finished, write the letter from each colored box on its matching numbered line or line below to answer the riddle.

Who invented Fractions?

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

PRACTICE WORKSHEETS

Worksheets are provided to give students a chance to practice the newly learned skills and to work their way to mastery. This also provides you the opportunity to check for understanding. Answer keys are included.

INCLUDES COLOR AND B/W VERSIONS!