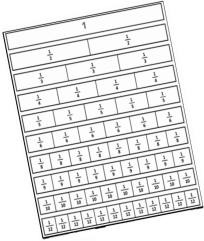
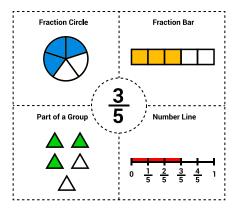
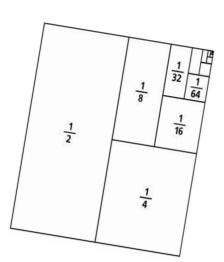


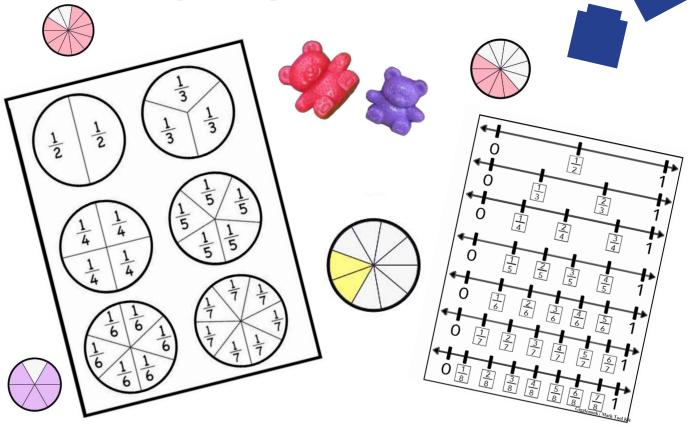
Fractions







FRACTION TO LICENTARY OF TOOL KITS



GUIDED MATH TEACHER'S FRACTION TOOLKIT K-2

Dr. Nicki Newton



Math Fact Fluency Playground

Math Fact Fluency Playground

Email: drnicki@mathfactfluencyplayground.com

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Volume 1: January 2024

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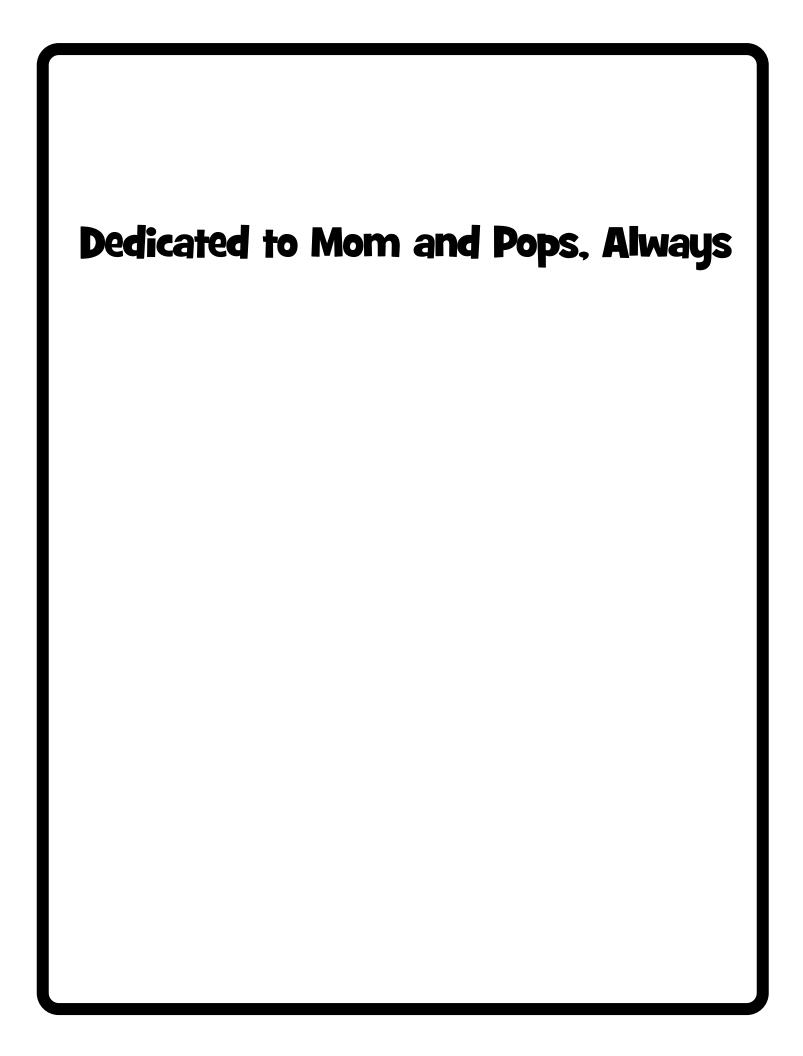
Dr. Nicki Newton

Email: drnicki@mathfactfluencyplayground.com Website: www.mathfactfluencyplayground.com Blog: guidedmath.wordpress.com

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Guided Math Teacher's Decimal Toolkit
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Guided Math Teacher's Hundred Grid Toolkit
Guided Math Teacher's Multiplication Toolkit
Guided Math Teacher's Number Paths,
Number Ladders, and Number Lines Toolkit
Guided Math Teacher's Subtraction Toolkit



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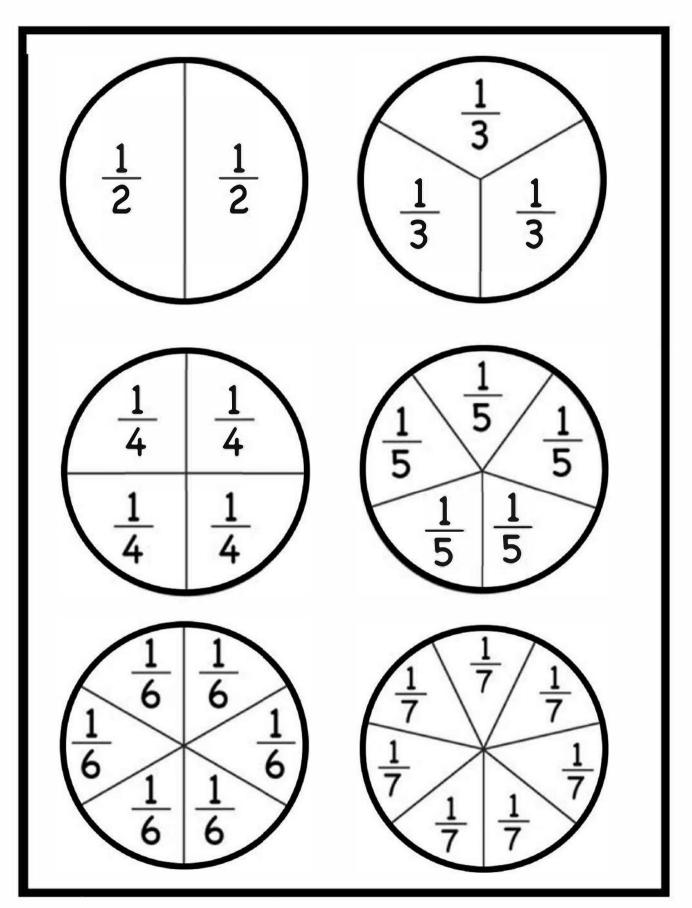
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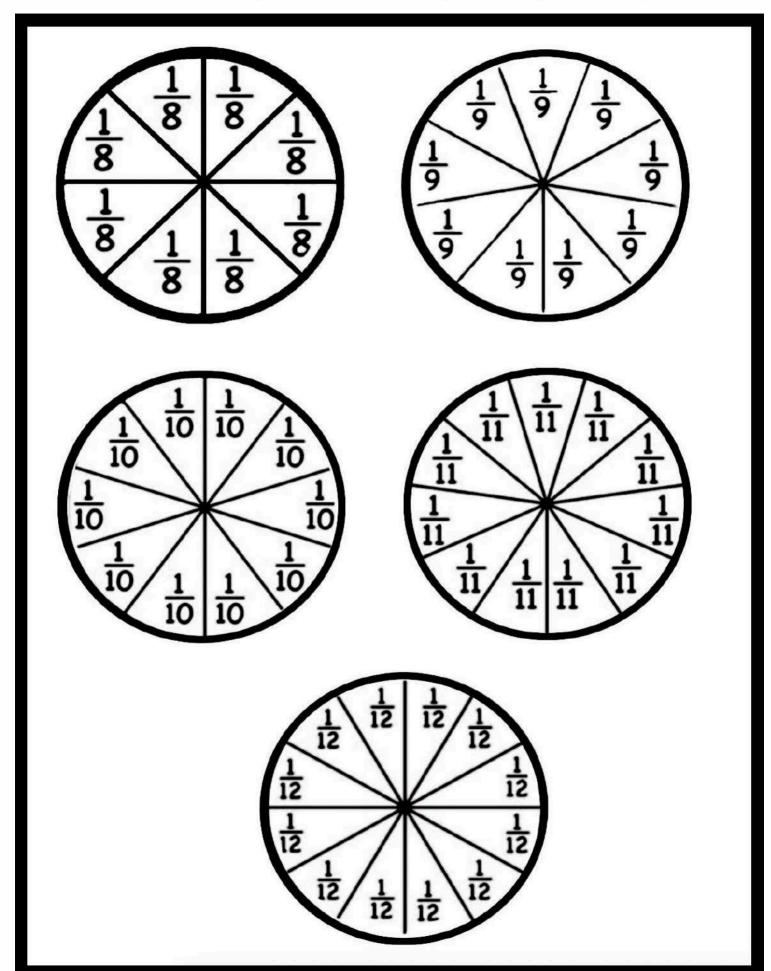
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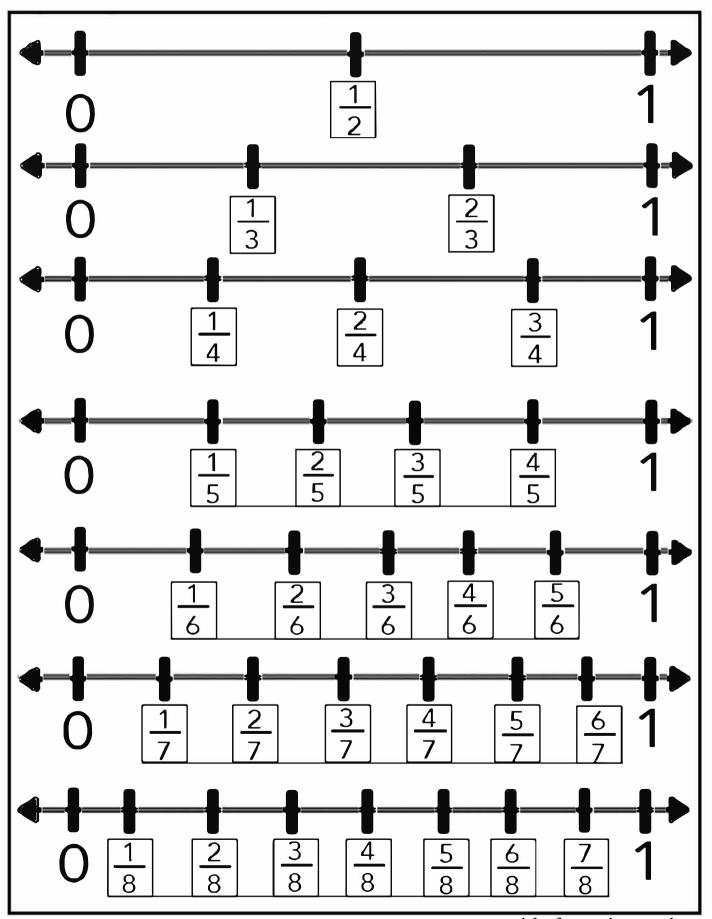
FRACTION CIRCLES

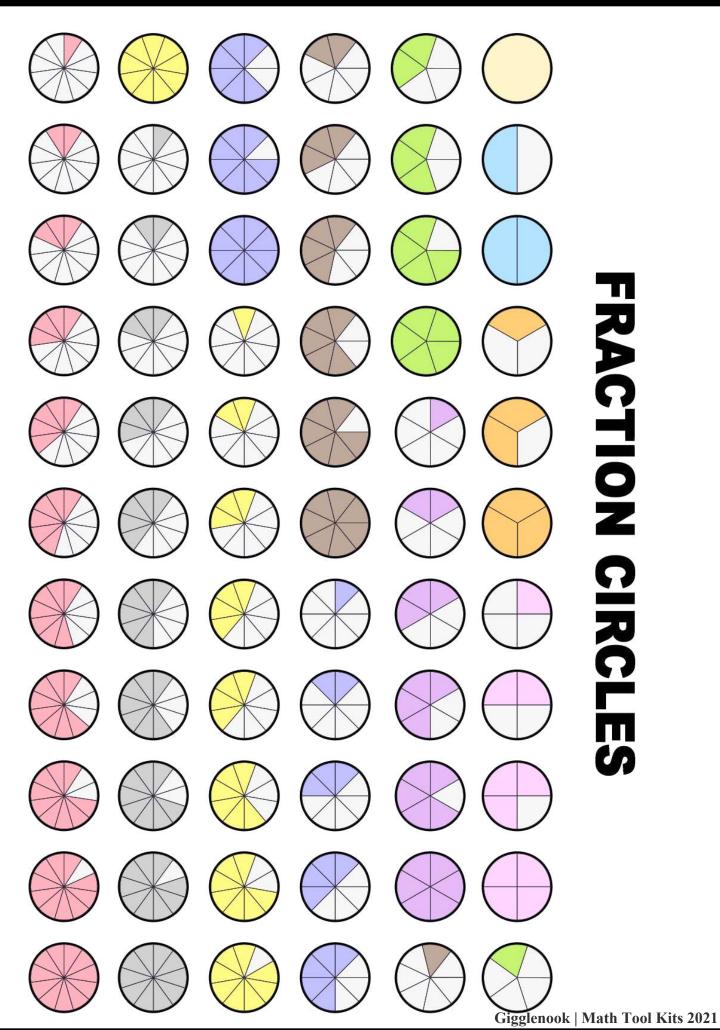


FRACTION CIRCLES

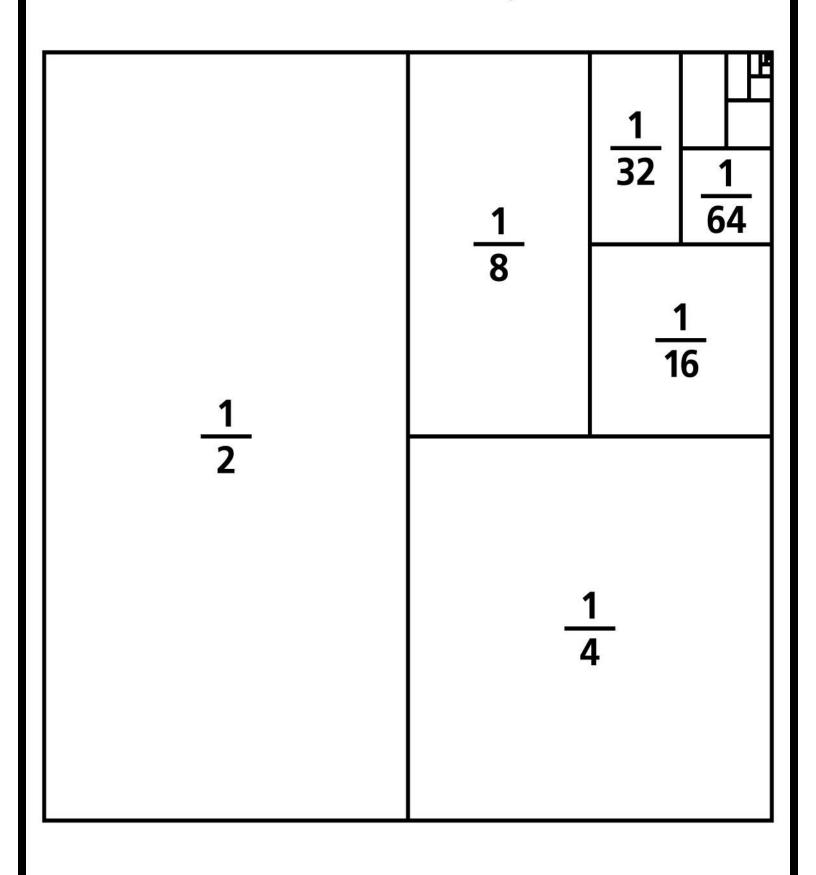


NUMBER LINES FRACTION



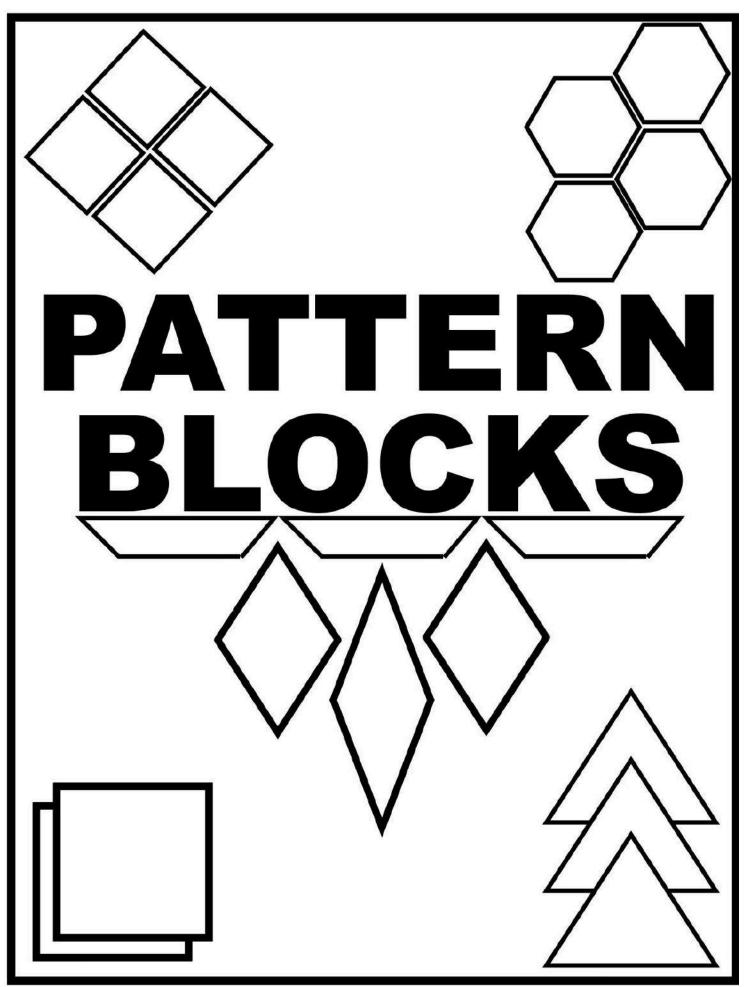


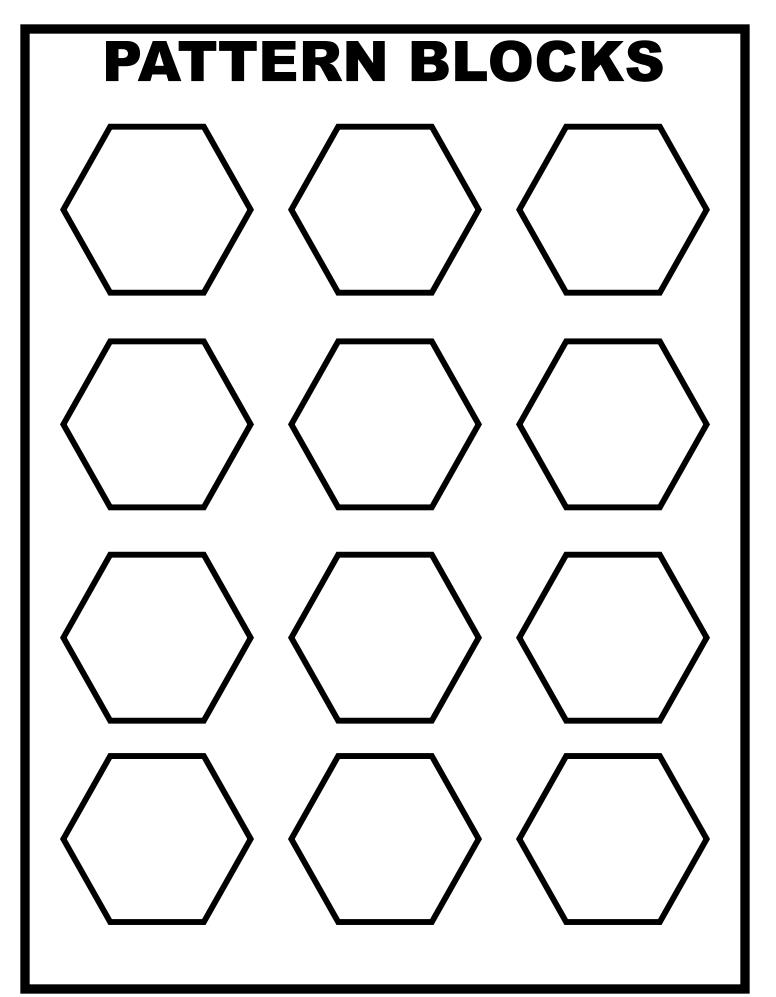
FRACTION SQUARES



FRACTION SQUARES		

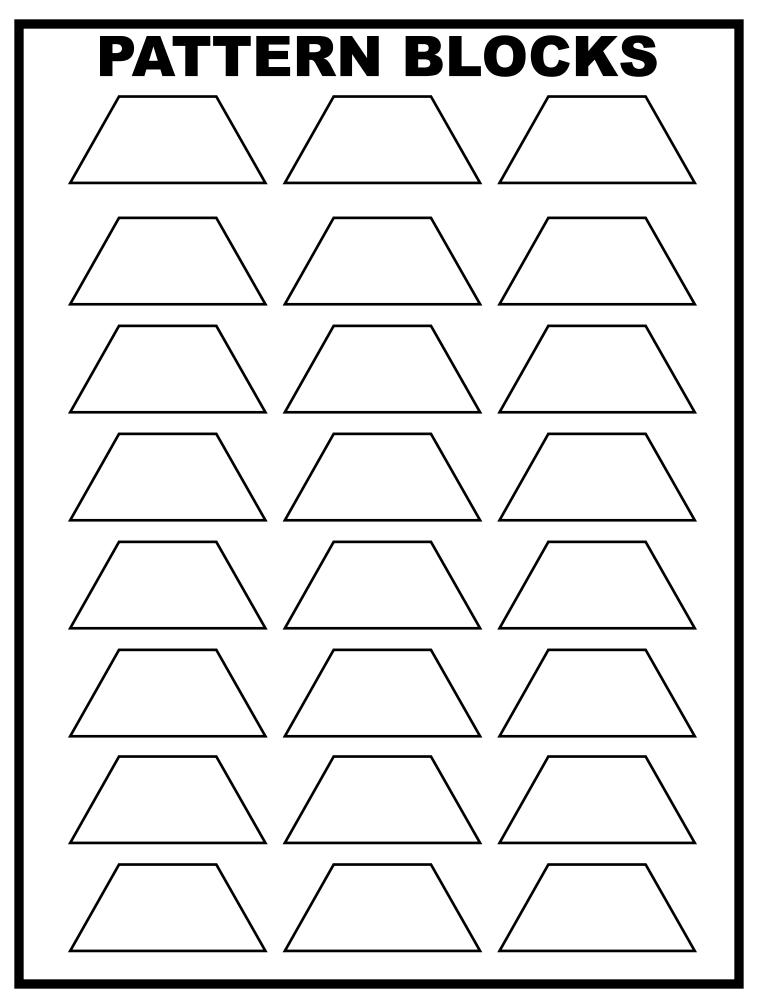
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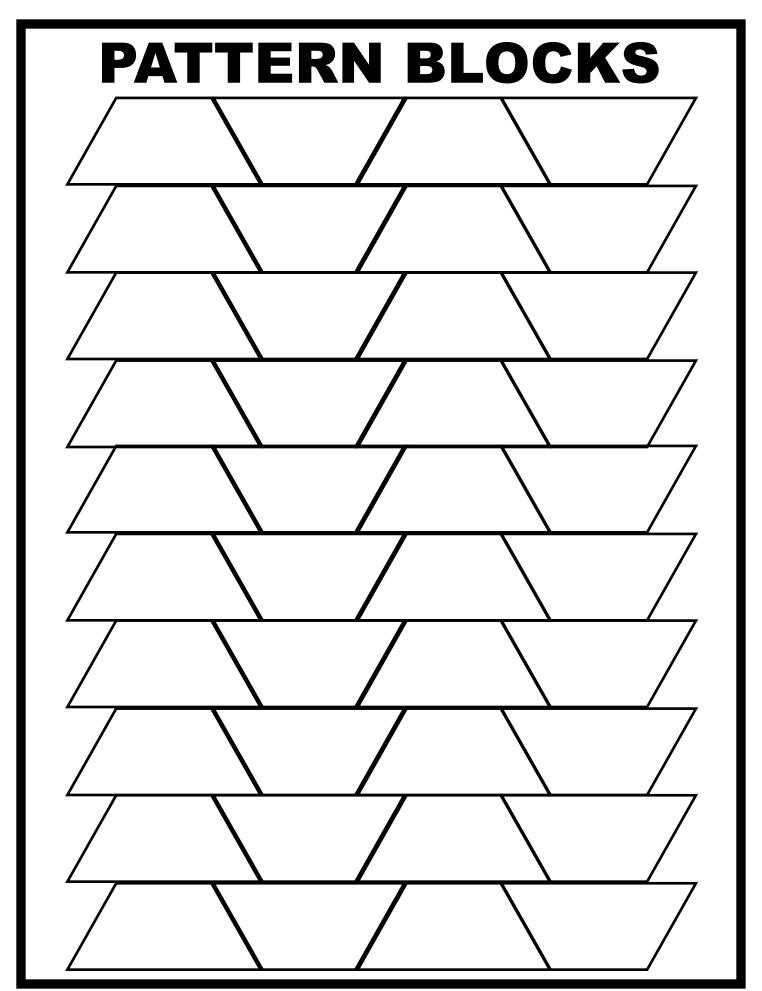


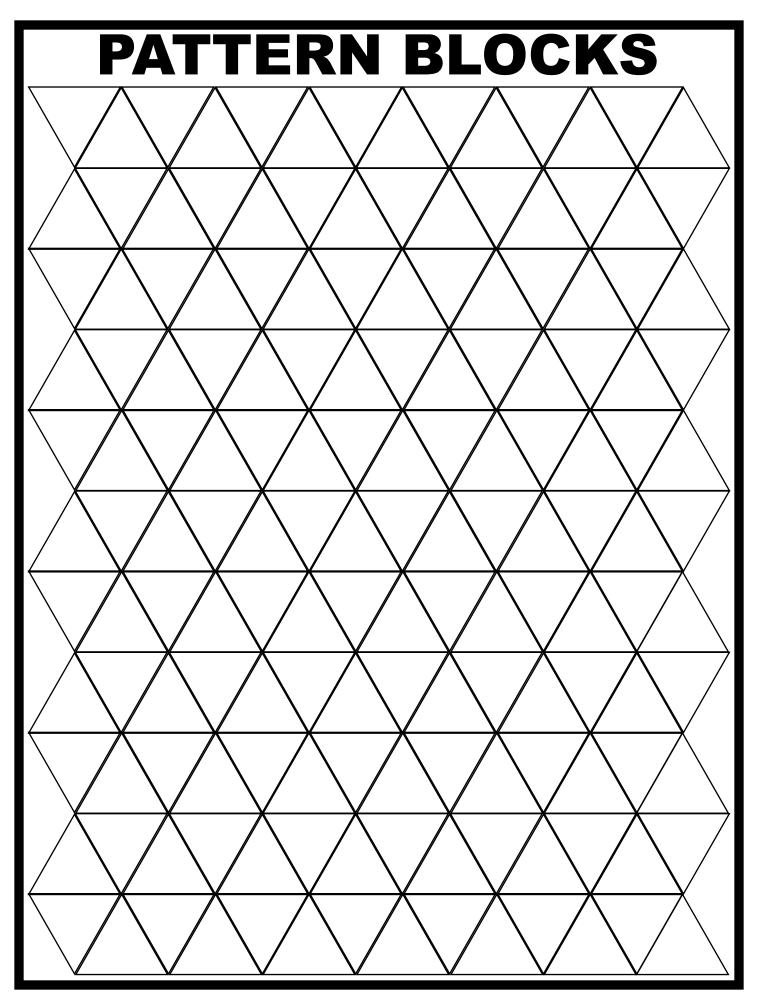


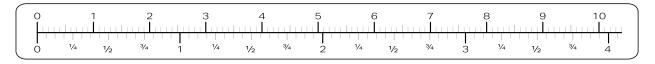
PATTERN BLOCKS

PATTERN BLOCKS



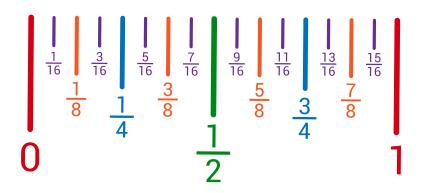




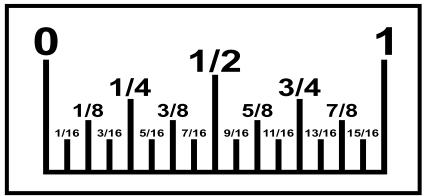


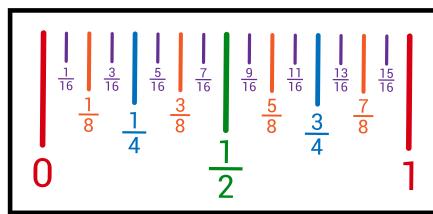


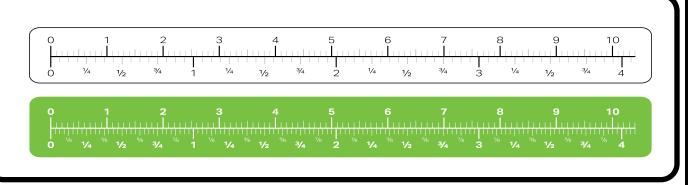
NUMBER LINES

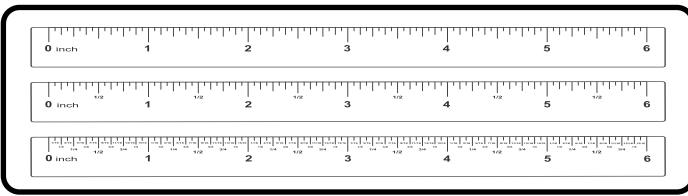


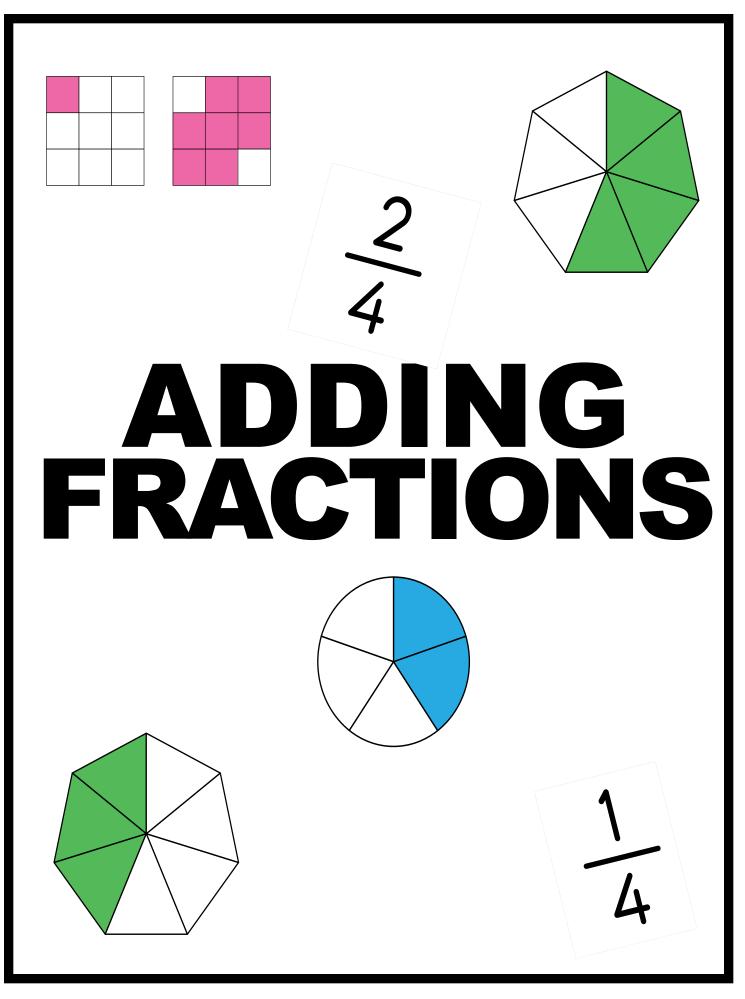
NUMBER LINES



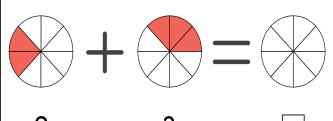






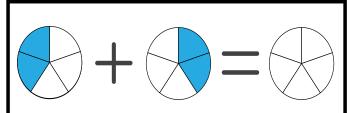


ADDING FRACTIONS

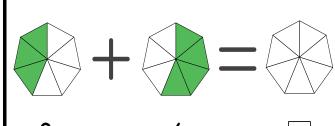


$$\frac{2}{8}$$
 + $\frac{3}{8}$ = $\frac{\square}{\square}$

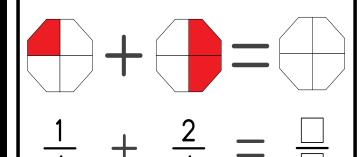
$$\frac{1}{6}$$
 + $\frac{4}{6}$ = $\frac{\square}{\square}$



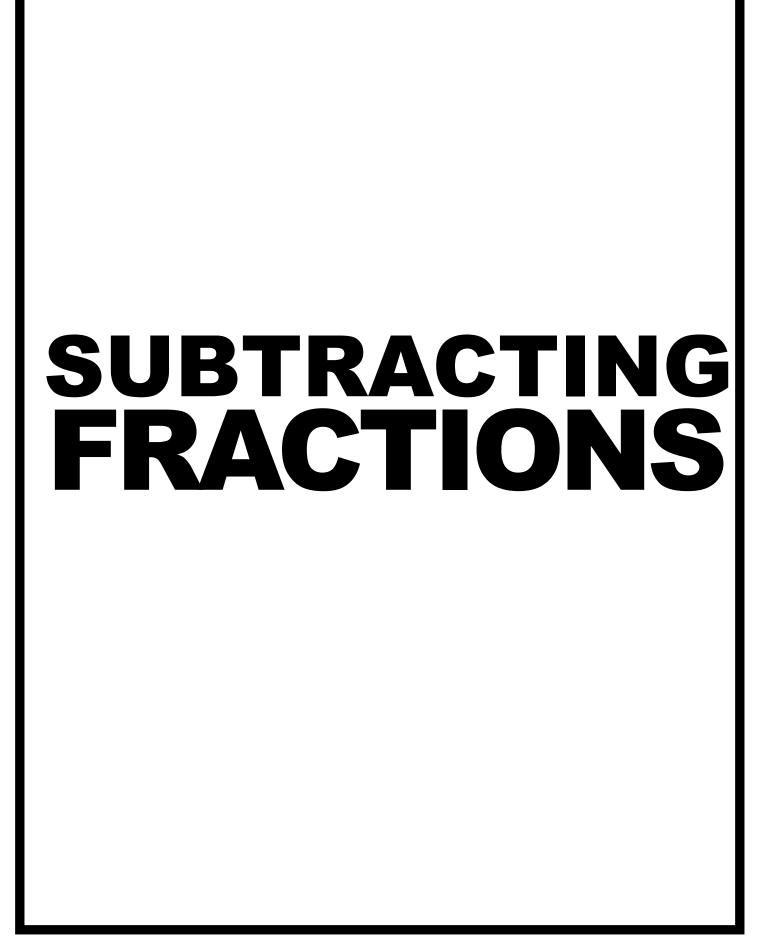
$$\frac{2}{5}$$
 + $\frac{2}{5}$ = $\frac{\square}{\square}$



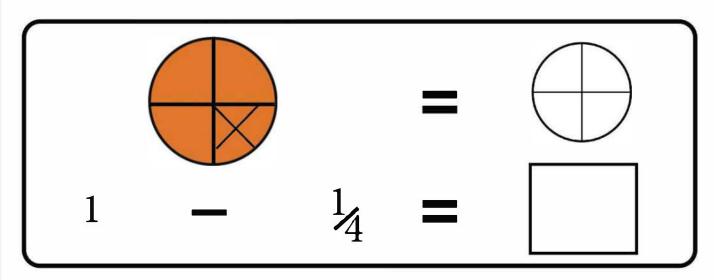
$$\frac{3}{7}$$
 + $\frac{4}{7}$ = $\frac{\square}{\square}$

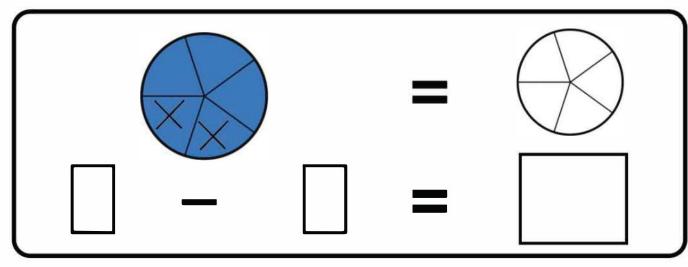


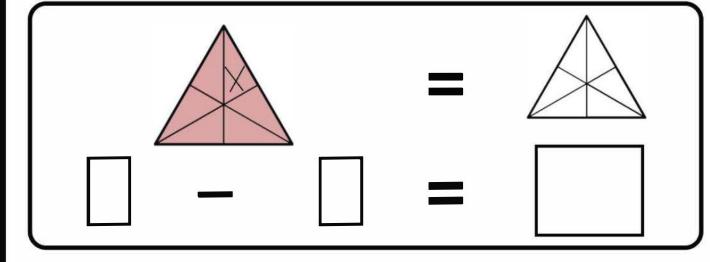
$$\frac{1}{9} + \frac{7}{9} = \frac{\square}{\square}$$

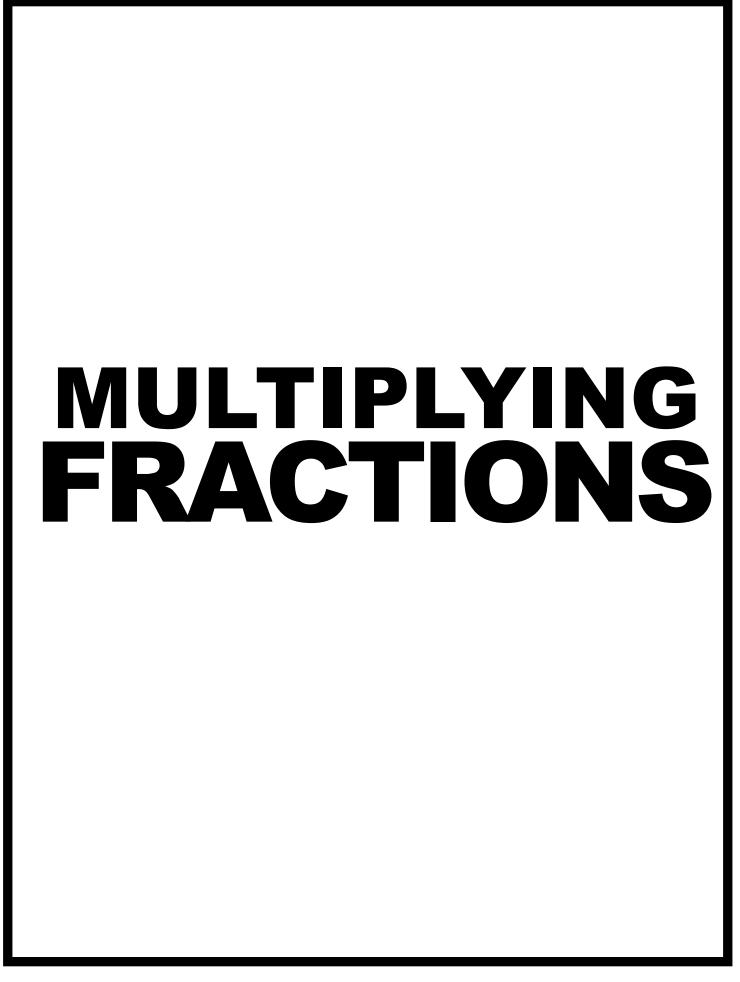


SUBTRACTING FRACTIONS







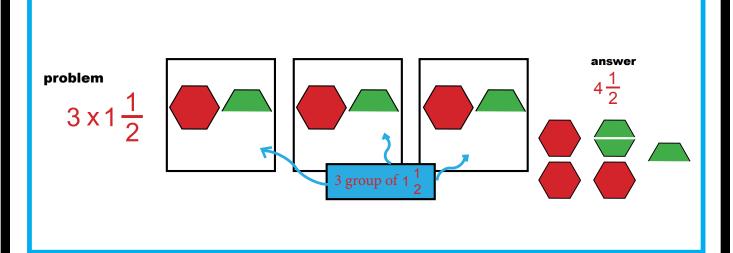


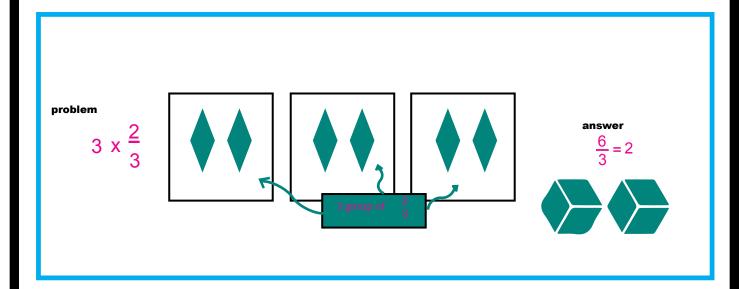
MULTIPLYING FRACTIONS

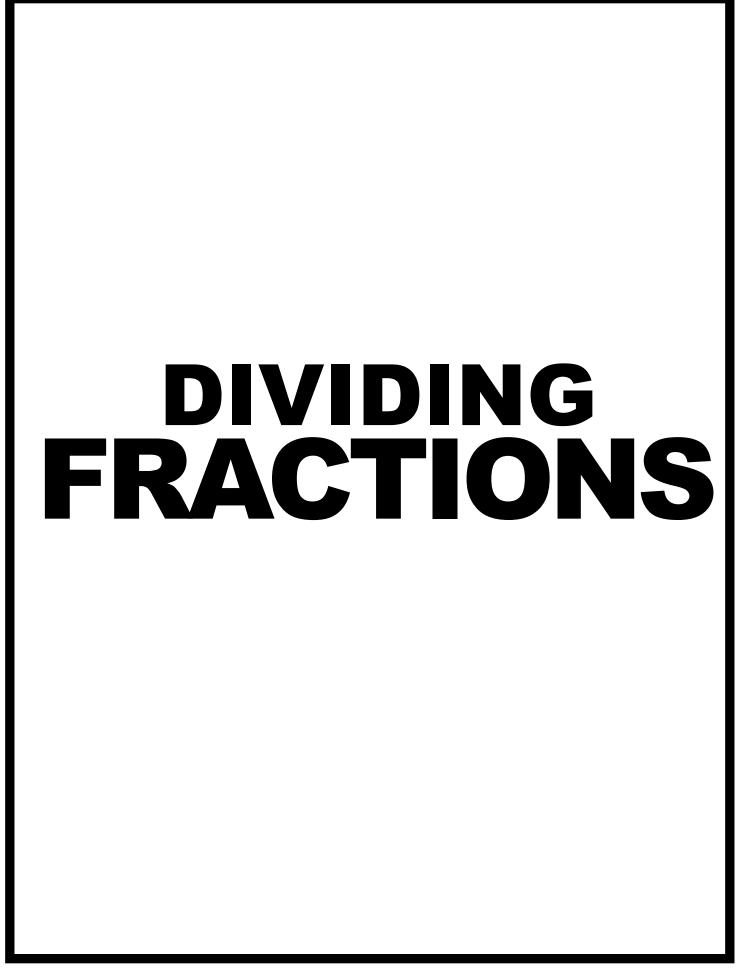
STEP 1 STEP 2 STEP 3

$$\frac{3}{4} \times \frac{2}{5} = \frac{3 \times 2}{4 \times 5} = \frac{6}{20}$$

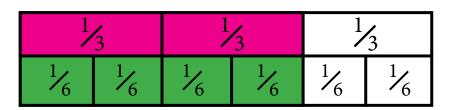
simplify ?







DIVIDING FRACTIONS



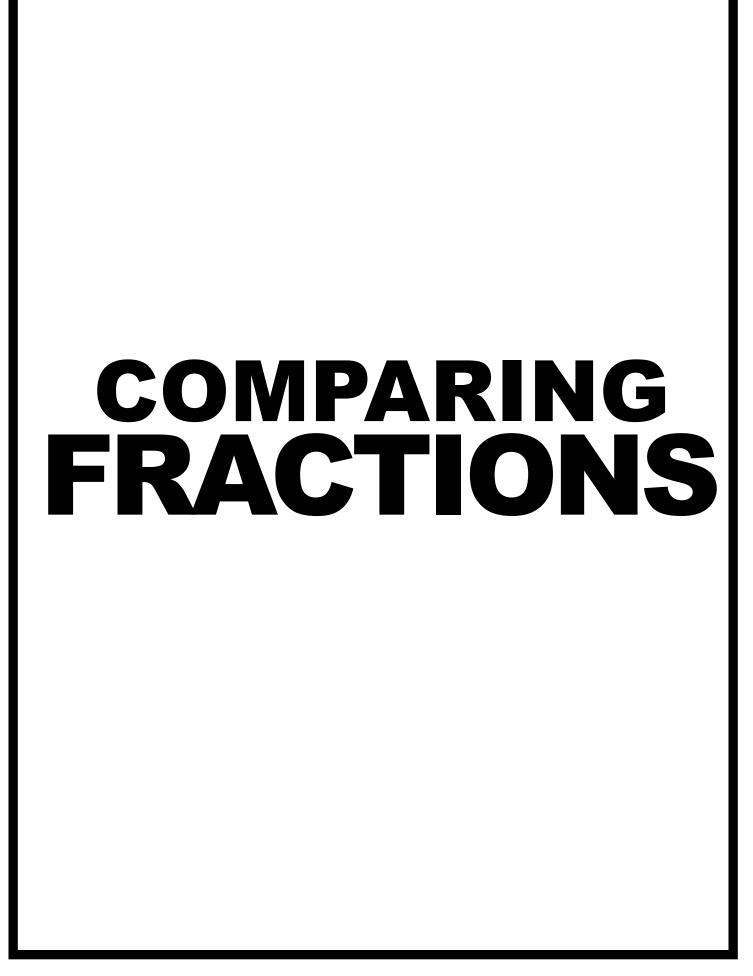
Visual Form

$$\frac{2}{3} \div \frac{1}{6} = 4$$

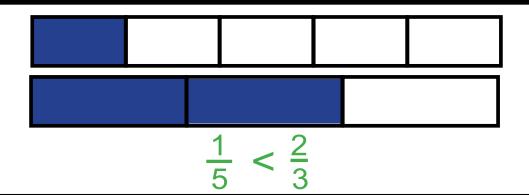
Symbolic Form

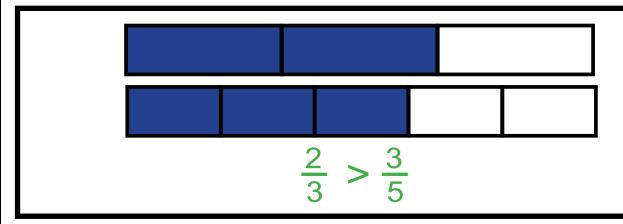
Tia Mary had 2/3 of a cup of sugar. She wanted to make apple hand pies. She needed 1/6 of a cup for each hand pie. How many hand pies can she make?

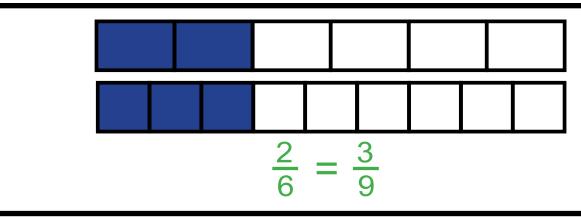
Story Form

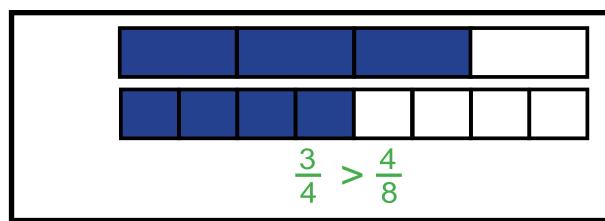


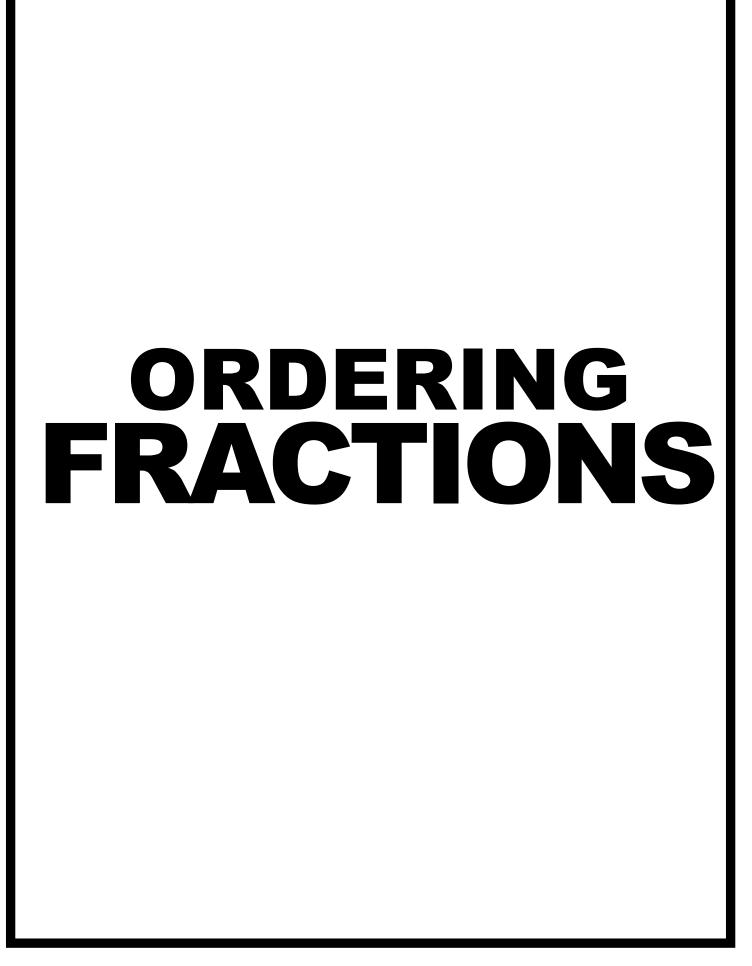
COMPARING FRACTIONS











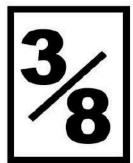
ORDERING FRACTIONS

A. Cut apart the little cards and order them from least to greatest.









A. Cut apart the little cards and order them from least to greatest.

3/4







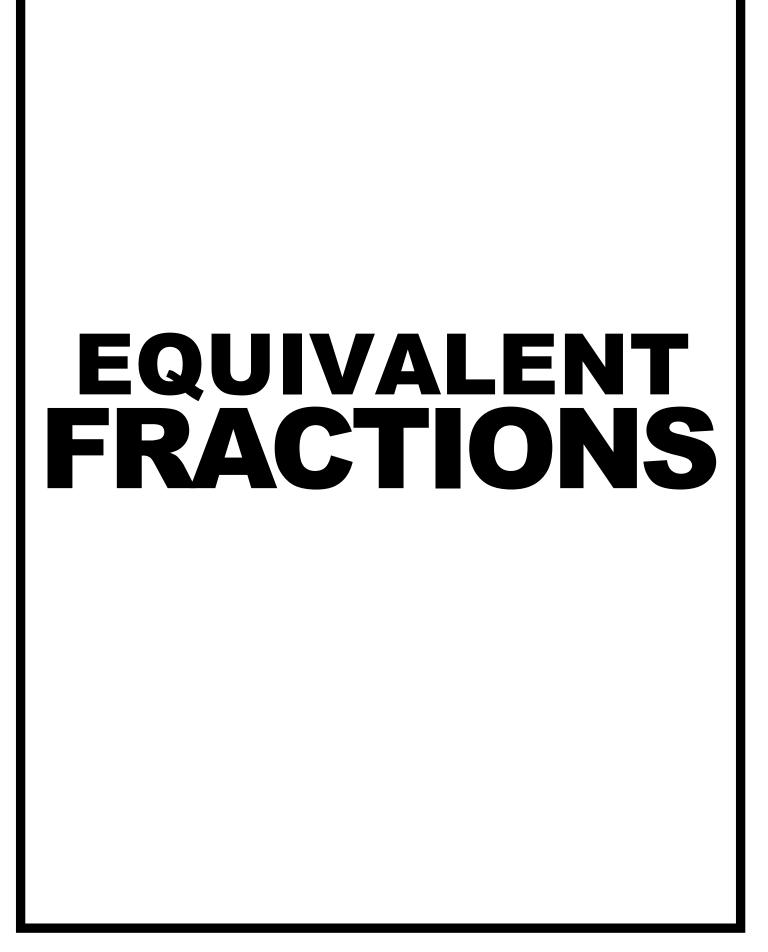
A. Cut apart the little cards and order them from least to greatest.

2/6



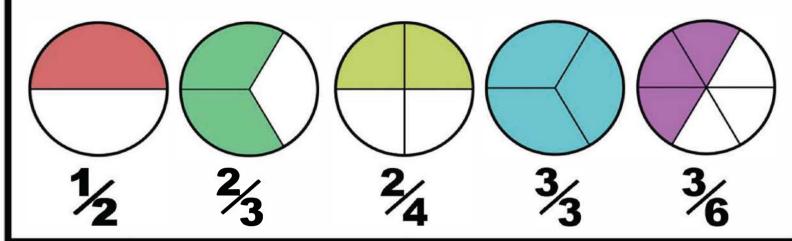




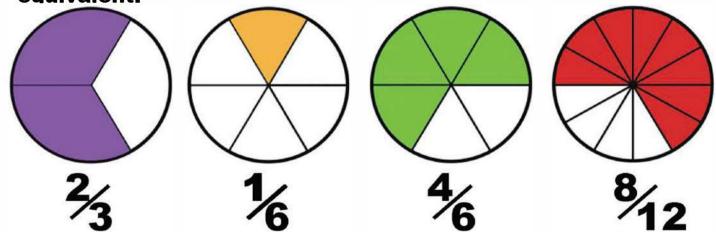


EQUIVALENT FRACTIONS

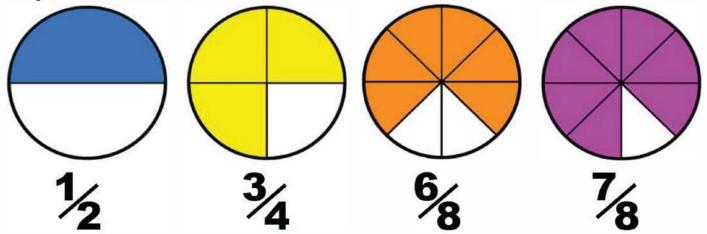
A. Circle the equivalent fractions that you see. Explain why they are equivalent.



B.Circle the equivalent fractions that you see. Explain why they are equivalent.



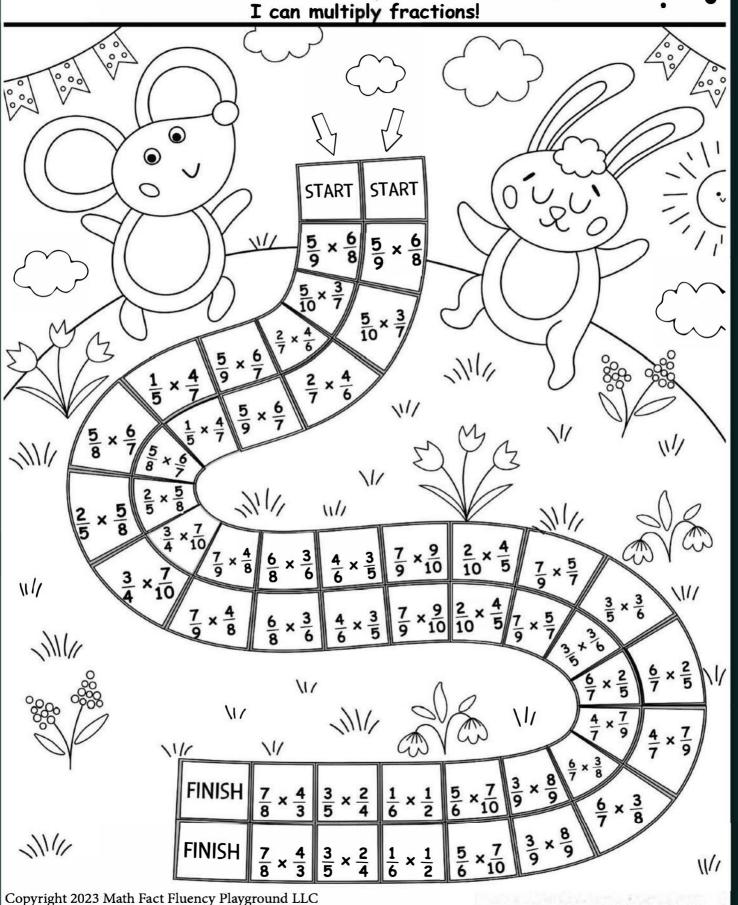
C.Circle the equivalent fractions that you see. Explain why they are equivalent.

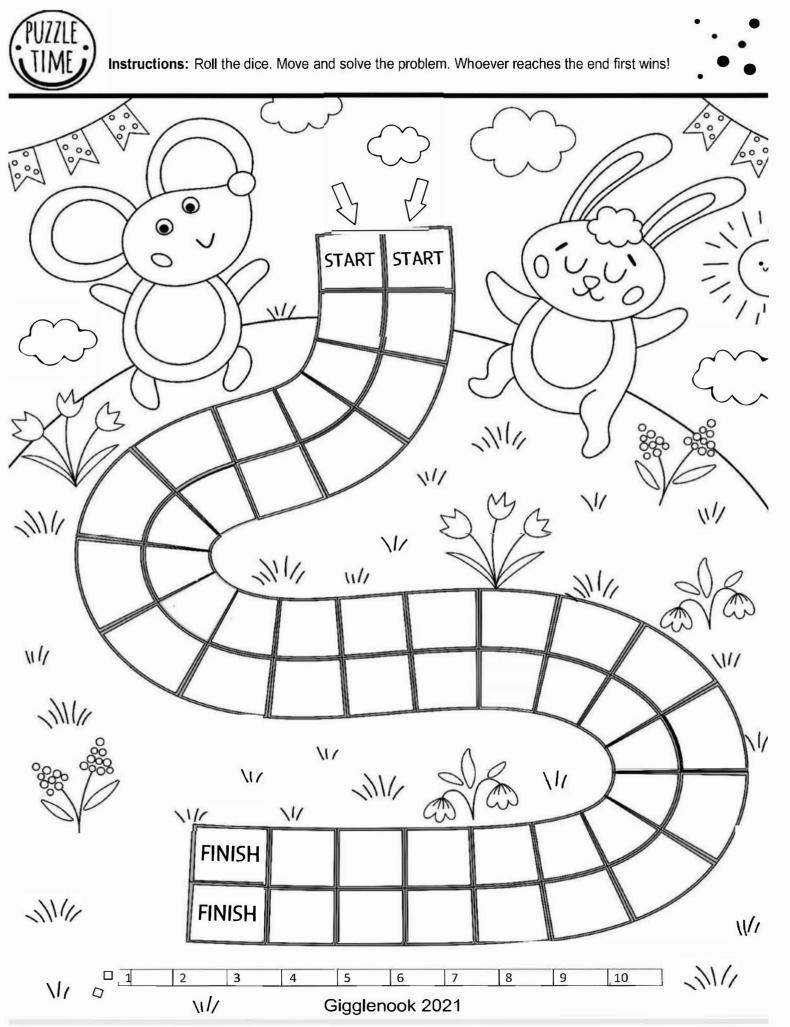


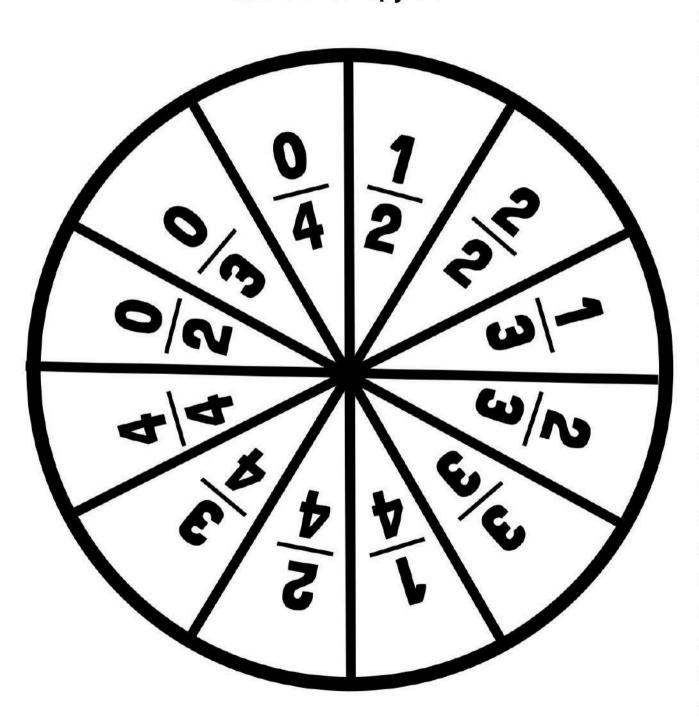


FRACTION BOARD GAME

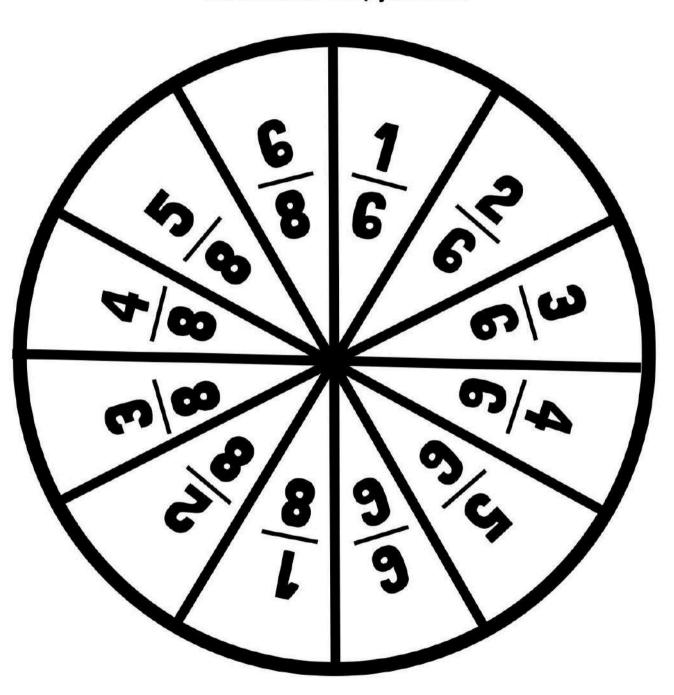
Instructions: Roll the dice. Move and solve the problem. Whoever reaches the end first wins!





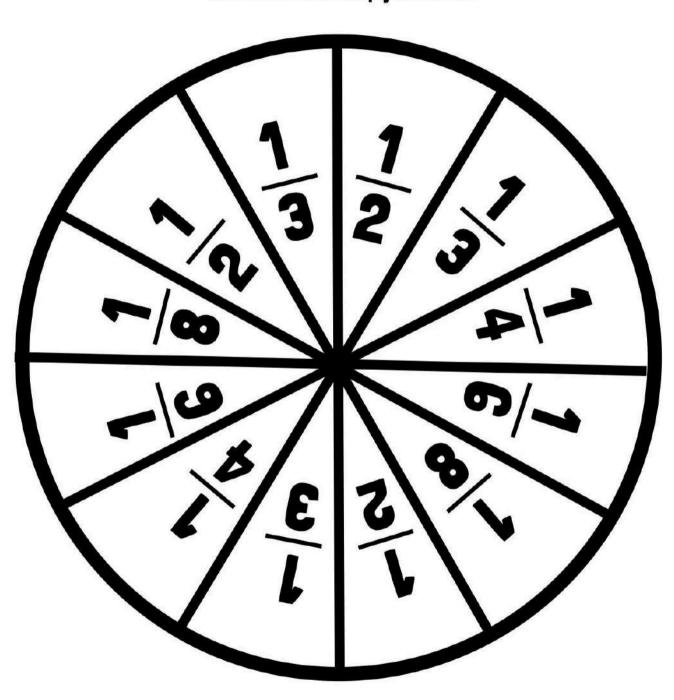


Use these cards for different games to compare, make equivalent fractions, add, subtraction, multiply and divide.

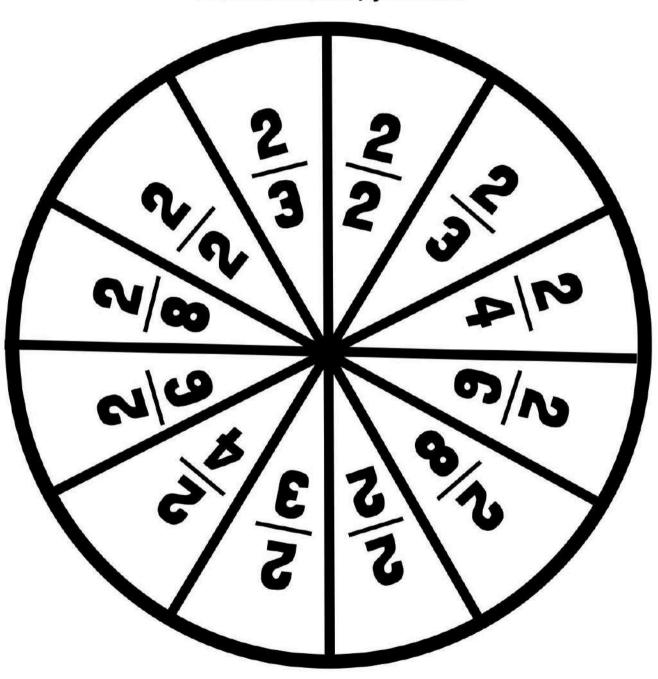


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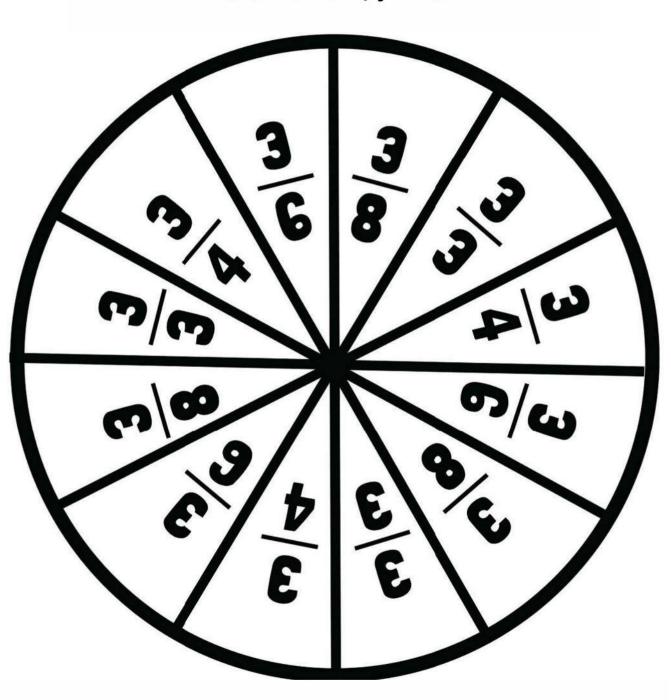
Use these cards for different games to compare, make equivalent fractions, add, subtraction, multiply and divide.



Use these cards for different games to compare, make equivalent fractions, add. subtraction, multiply and divide.

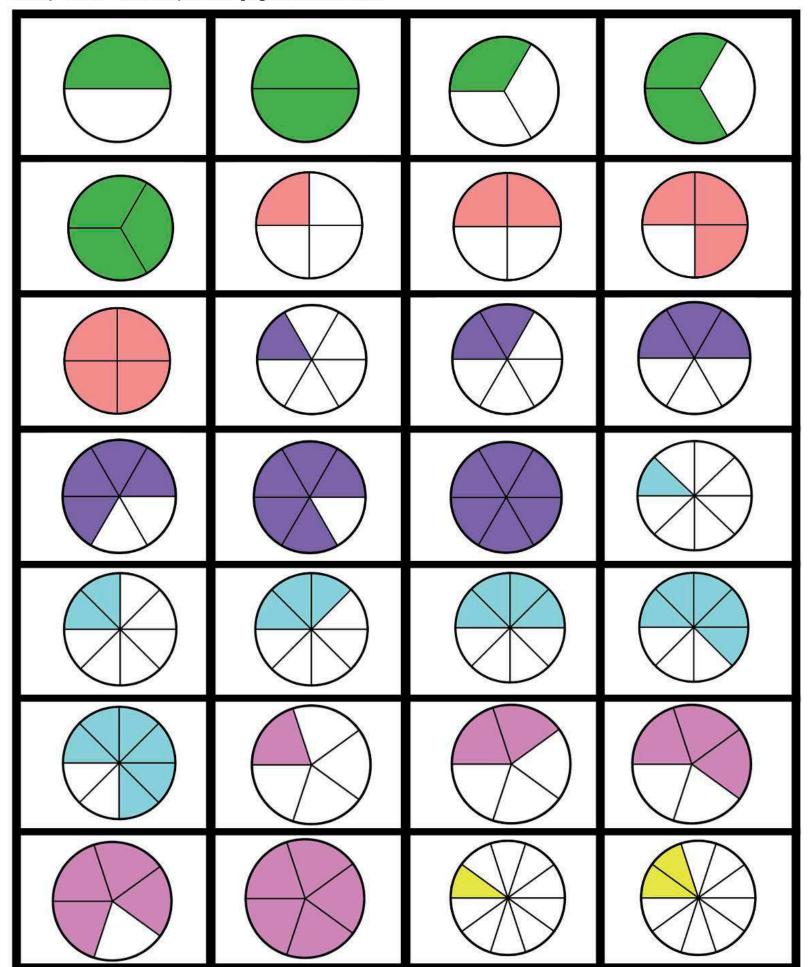


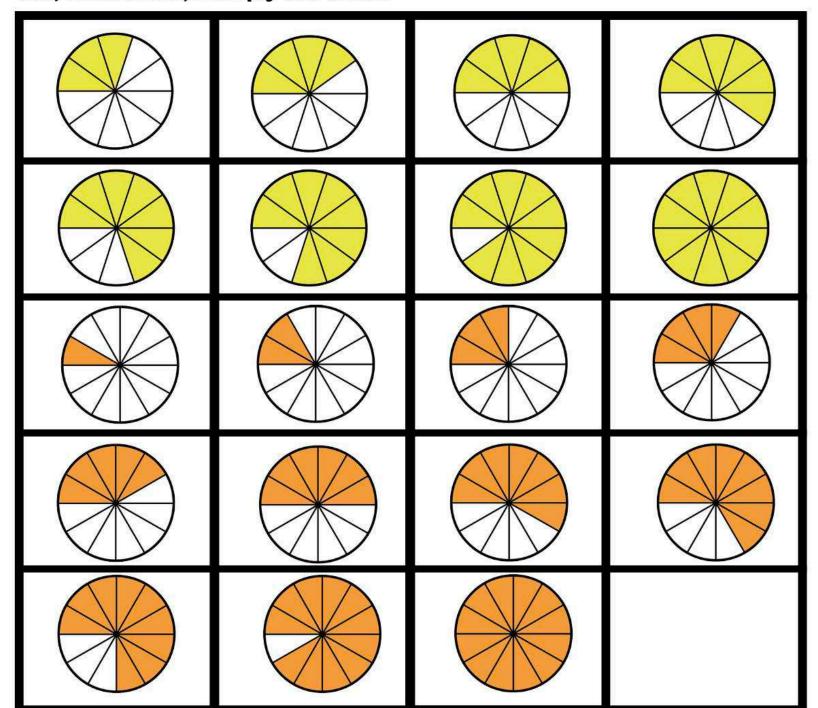
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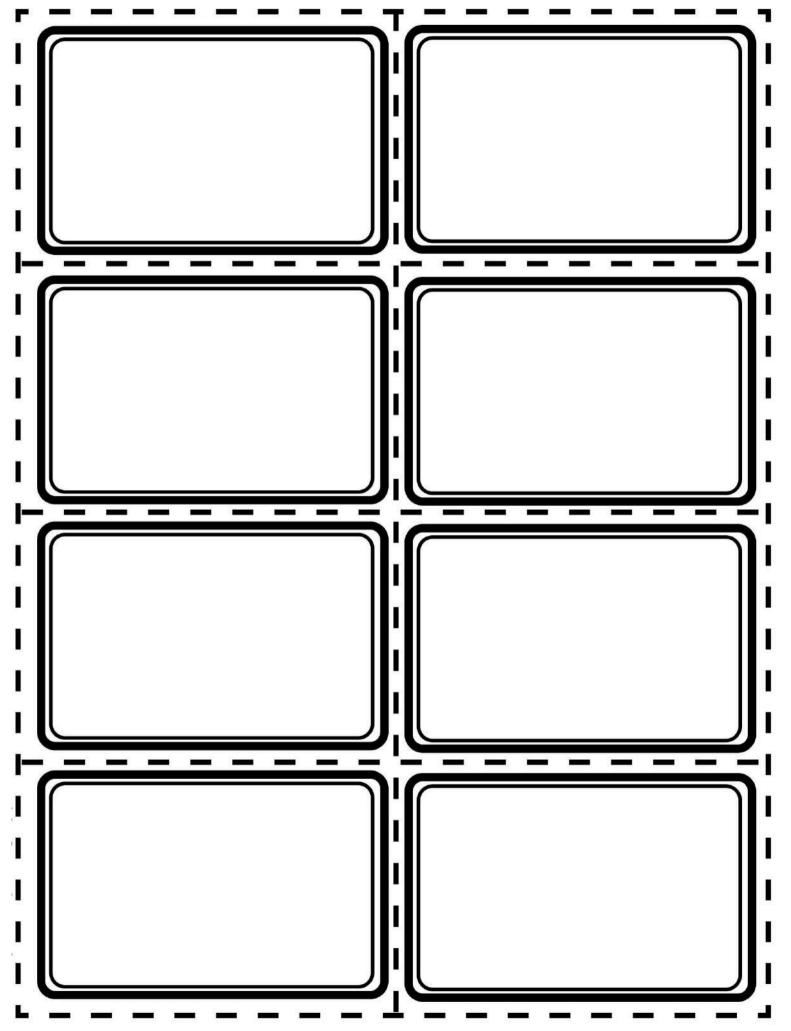


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1/2	2/2	1/4	2/4
3/4	4/4	1/3	2/3
3/3	16	2/6	3/6
46	5/6	6	1/8
2/8	3/8	4/8	5/8
6/8	7/8	8/8	0/2
0/2	0/3	0/1	0/5









Math Fact Fluency Playground

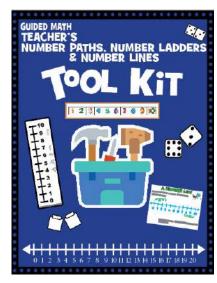
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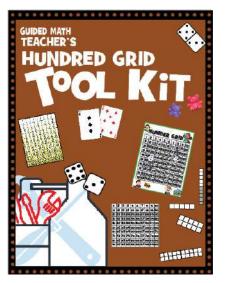
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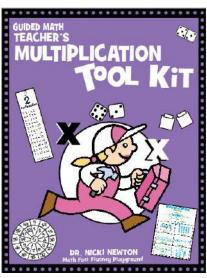
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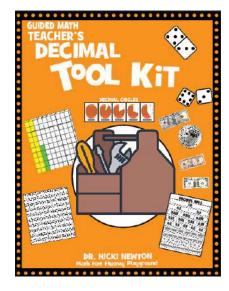














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