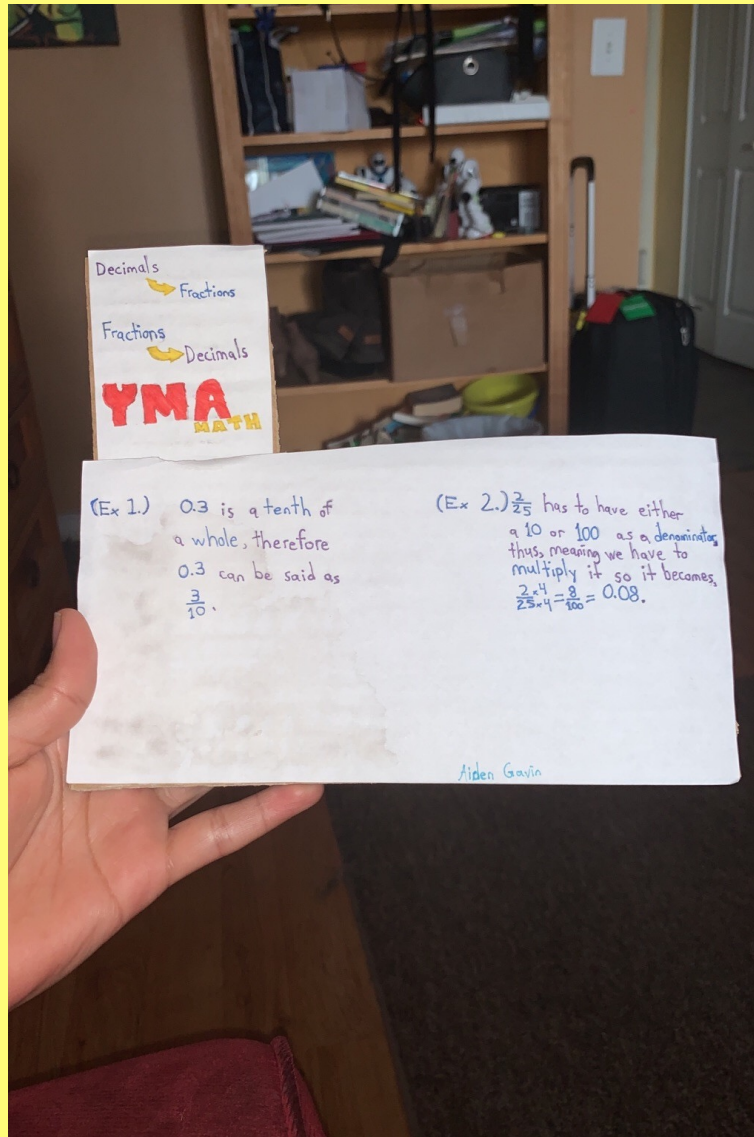




Intersession Week Math Project♪



Activity 2 ^{It's the proper way}
~~To Be Improper~~ Oisín Cusack

Improper fractions are fractions in which
the numerator is greater than the denominator.

Improper Fractions are sometimes easier
to find your answer with, instead of using mixed
numbers.

For example: $\frac{5}{4} \times \frac{9}{8} = \frac{45}{32} = 1\frac{13}{32}$

Mixed
 $1\frac{2}{4} \times 1\frac{9}{12} = \frac{6}{4} \times \frac{21}{12} = \frac{126}{48} = 2\frac{1}{4}$

Most of the time, when multiplying, you convert
a Mixed number in to Improper fractions to
make it easier to find your answer.

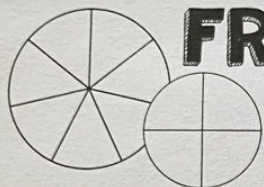




Grace Gleason Math Project

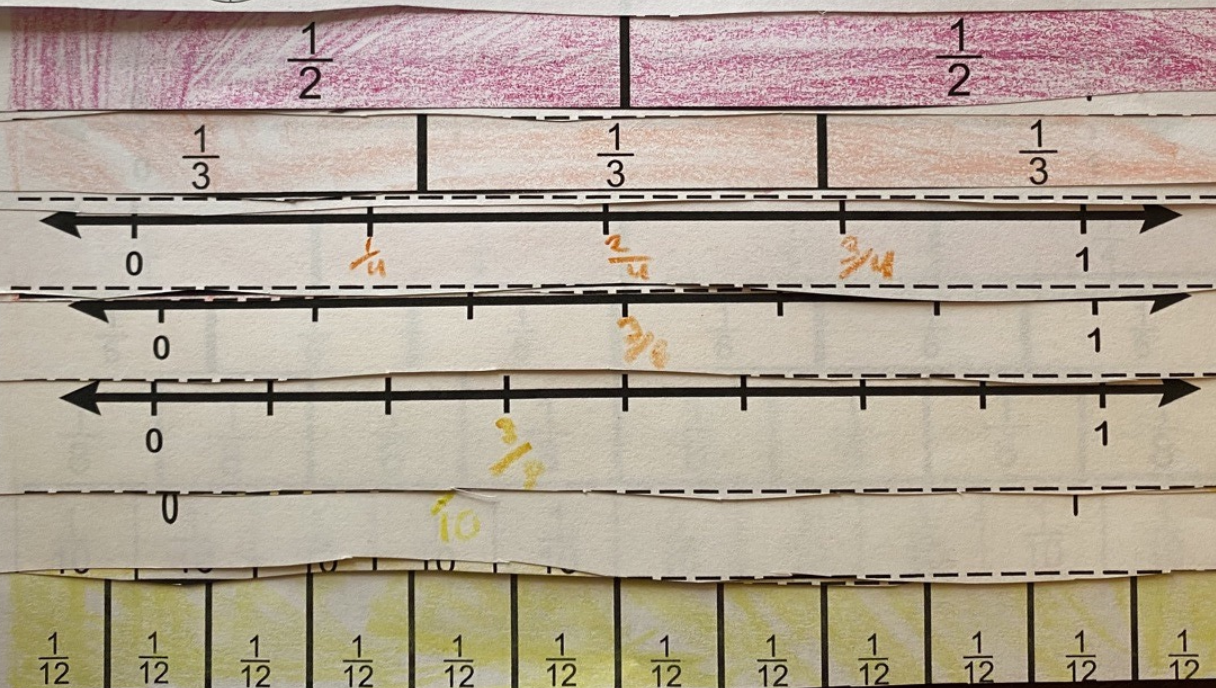
$$\frac{1}{2} = \frac{2}{4}, \frac{3}{6}, \frac{4}{8}, \frac{5}{10}, \frac{6}{12}, \frac{7}{14}, \frac{8}{16}, \frac{9}{18}, \frac{10}{20}, \frac{11}{22}, \frac{12}{24}, \frac{13}{26}, \frac{14}{28}, \frac{15}{30}, \frac{16}{32}$$





FRACTION FLIP BOOK!

Name: Julian Nunez





FRACTION

Divide the numerator
by the denominator
to get a decimal.

Example:

$$\frac{3}{4} = 4 \overline{) 3.00}$$
$$\begin{array}{r} 0.75 \\ 4 \overline{) 3.00} \\ \underline{-12} \\ 20 \\ \underline{-20} \\ 00 \end{array}$$

$$\frac{3}{4} = 0.75$$

FRACTION
AD000

By: Owen
Switzer

FRACTION

- Use the place value of the decimal to write the denominator to get a decimal.
- The numbers to the right of the decimal point are the numerator.
- Reduce the fraction to the simplest form.

Example:

$$0.40 = \frac{40}{100} \div 10$$

$$= \frac{4}{10}$$

DECIMAL

DECIMAL

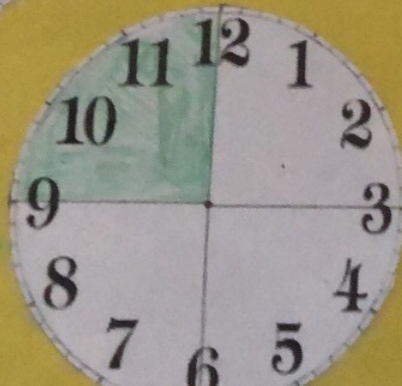


$\frac{1}{2}$ hr = 30 min



$\frac{1}{3}$ hr = 20 min

$\frac{1}{4}$ hr = 15 min



It's
That
Time...
By: Niall Switzer



$\frac{1}{5}$ hr = 12 min

$\frac{1}{6}$ hr = 10 min



$\frac{1}{12}$ hr = 5 min



$\frac{1}{10}$ hr = 6 min

MAKE A QUILT⁰⁰⁰

By: Owen Switzer

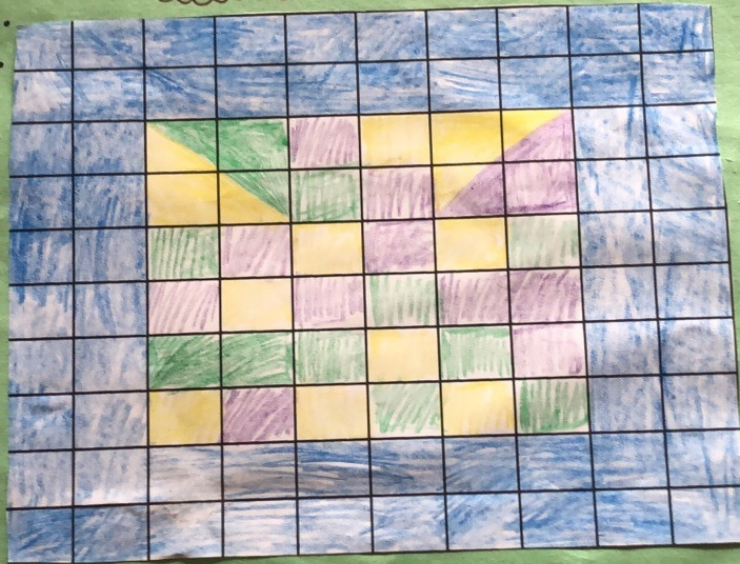
FRACTION:

Blue : $\frac{64}{100}$

Purple : $\frac{12}{100}$

Yellow : $\frac{12}{100}$

Green : $\frac{12}{100}$



DECIMAL:

Blue : 0.64

Purple : 0.12

Yellow : 0.12

Green : 0.12

PERCENT: Blue : 64% Yellow : 12%

Purple : 12%

Green : 12%







coin	fraction of dollar
penny	$\frac{1}{100}$ of a dollar
nickel	$\frac{1}{20}$ of a dollar
dime	$\frac{1}{10}$ of a dollar
quarter	$\frac{1}{4}$ of a dollar
half dollar	$\frac{1}{2}$ of a dollar

1. If you have 2 quarters, 9 dimes, 7 nickels, and 33 pennies, how much money do you have all together?

2. There are 8 friends who have the same amount of money. John has 2 quarters, 1 dime, and 3 pennies. How much money will they have if they doubled all their money together?

3. Someone gave you three nickels. If 7 people gave you that same amount, how

much money will you have?

4. You have 2 quarters, 6 dimes, and 3 half dollars. You decide to spend $\frac{1}{2}$ of your money. So how much do you have left?

5. James is saving up \$20. He already has \$5 and he is looking around his house for some money. He finds 9 quarters, 12 dimes, 9 nickels, and his mom gave him \$1. Does he have enough money or does he need to save more?

6. John needs to get \$10 for a toy he wants to buy. If he needs to pay $\frac{1}{4}$ of the price and has 28 quarters, will he have enough for what he has to pay?

1. You're spending 9 quarters, 7 dimes, 2 half dollars, 3 pennies. If you spend it on drinks, how much can you spend on food?

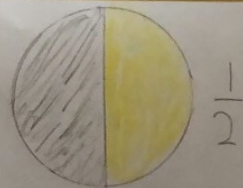
8. Bill is trying to find out how to spend all of his money. He has $\frac{1}{2}$ in all and he can buy a toy truck for \$3.25, candy for \$1.00, video game for \$10.00, and legs for \$1.75. If you were Bill, what would you buy?

Matthew Flynn



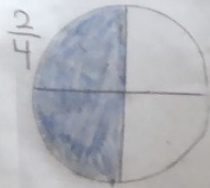


Simplest Form

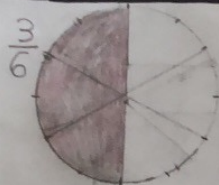


$$\frac{1}{2}$$

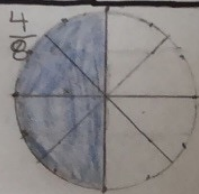
By Niall Switzer



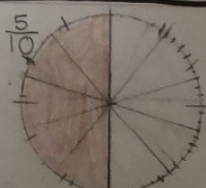
$$\frac{2}{4}$$



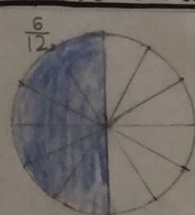
$$\frac{3}{6}$$



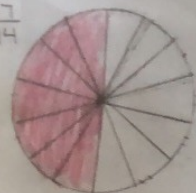
$$\frac{4}{8}$$



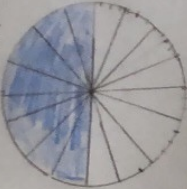
$$\frac{5}{10}$$



$$\frac{6}{12}$$



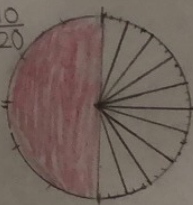
$$\frac{7}{14}$$



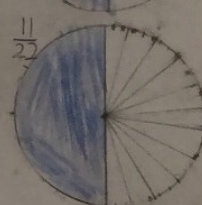
$$\frac{8}{16}$$



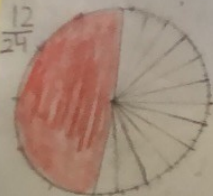
$$\frac{9}{18}$$



$$\frac{10}{20}$$



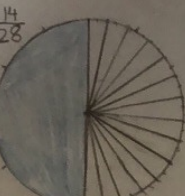
$$\frac{11}{22}$$



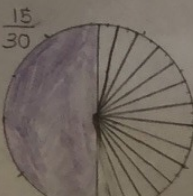
$$\frac{12}{24}$$



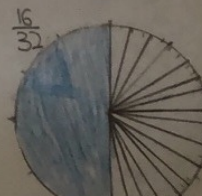
$$\frac{13}{26}$$



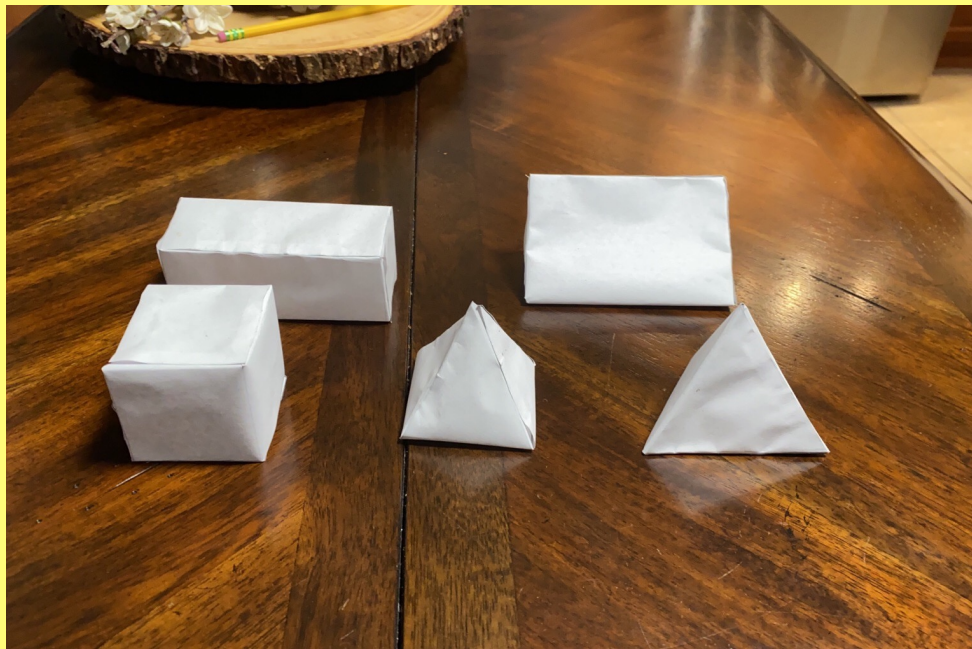
$$\frac{14}{28}$$

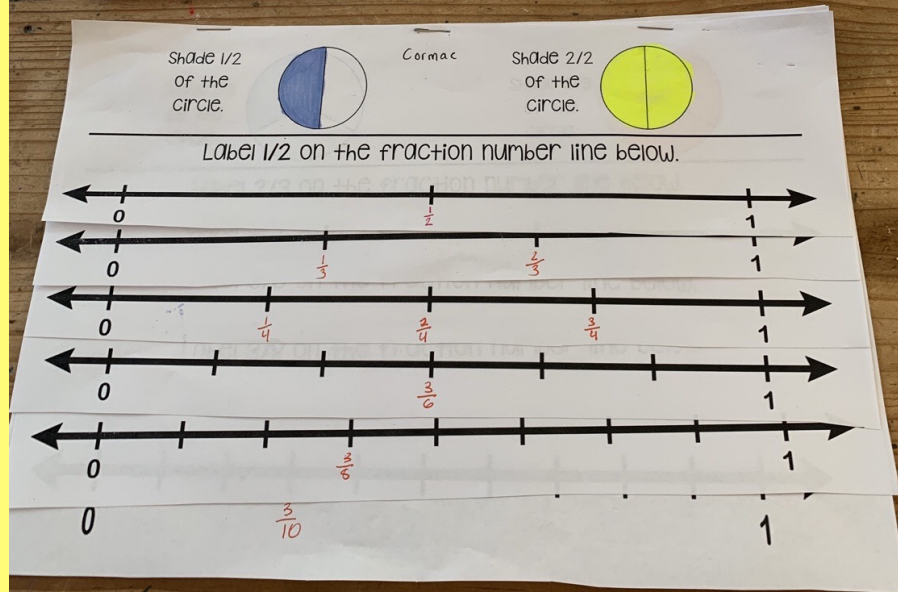
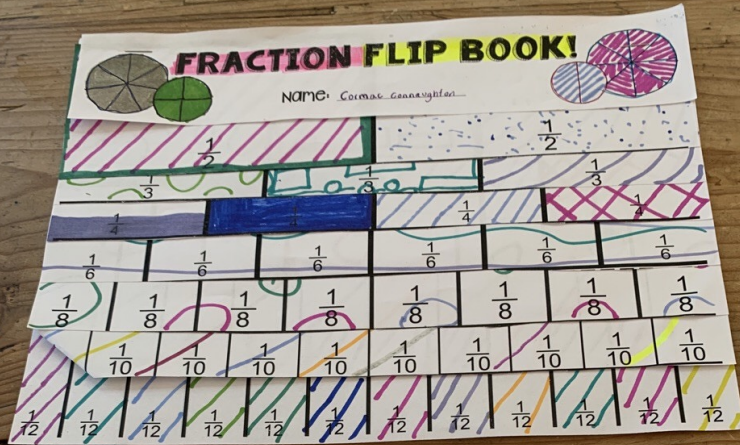


$$\frac{15}{30}$$



$$\frac{16}{32}$$

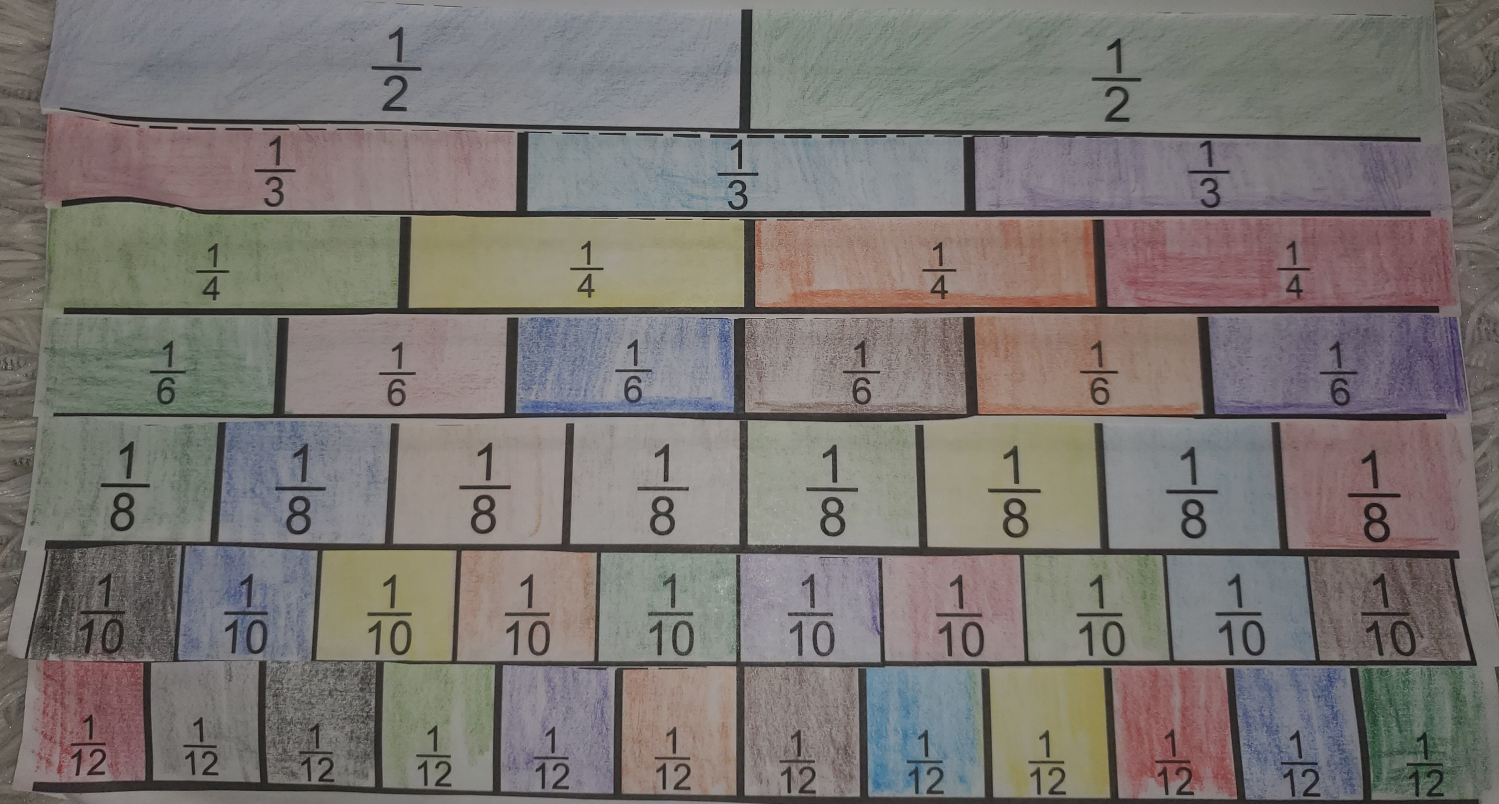
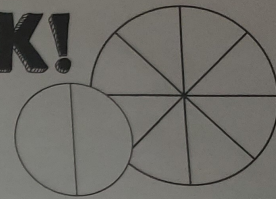






FRACTION FLIP BOOK!

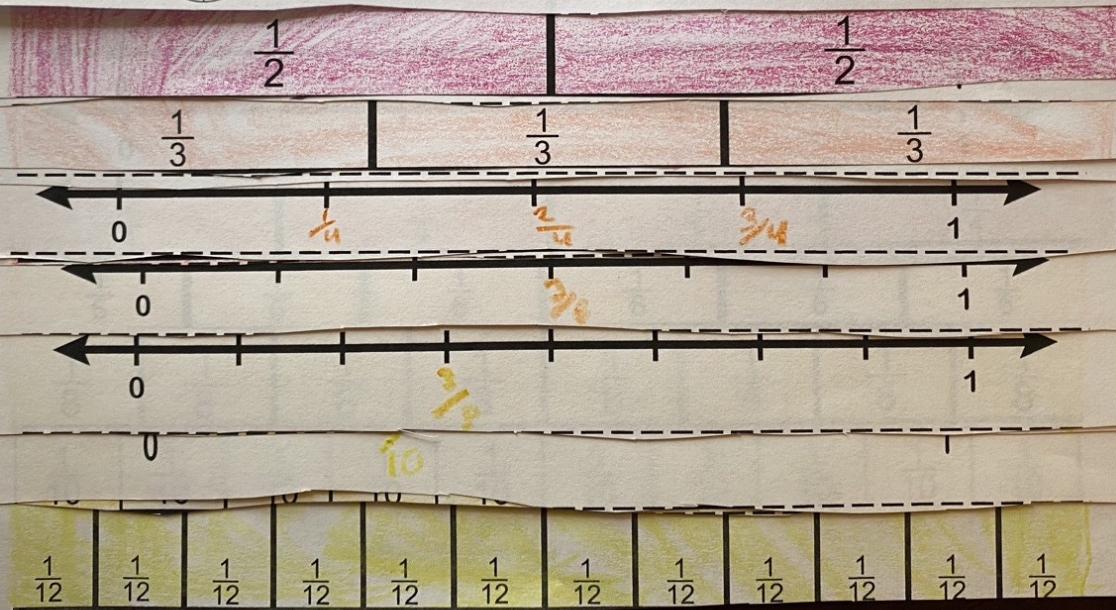
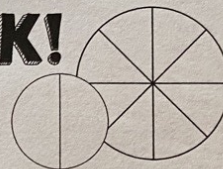
name: Madison



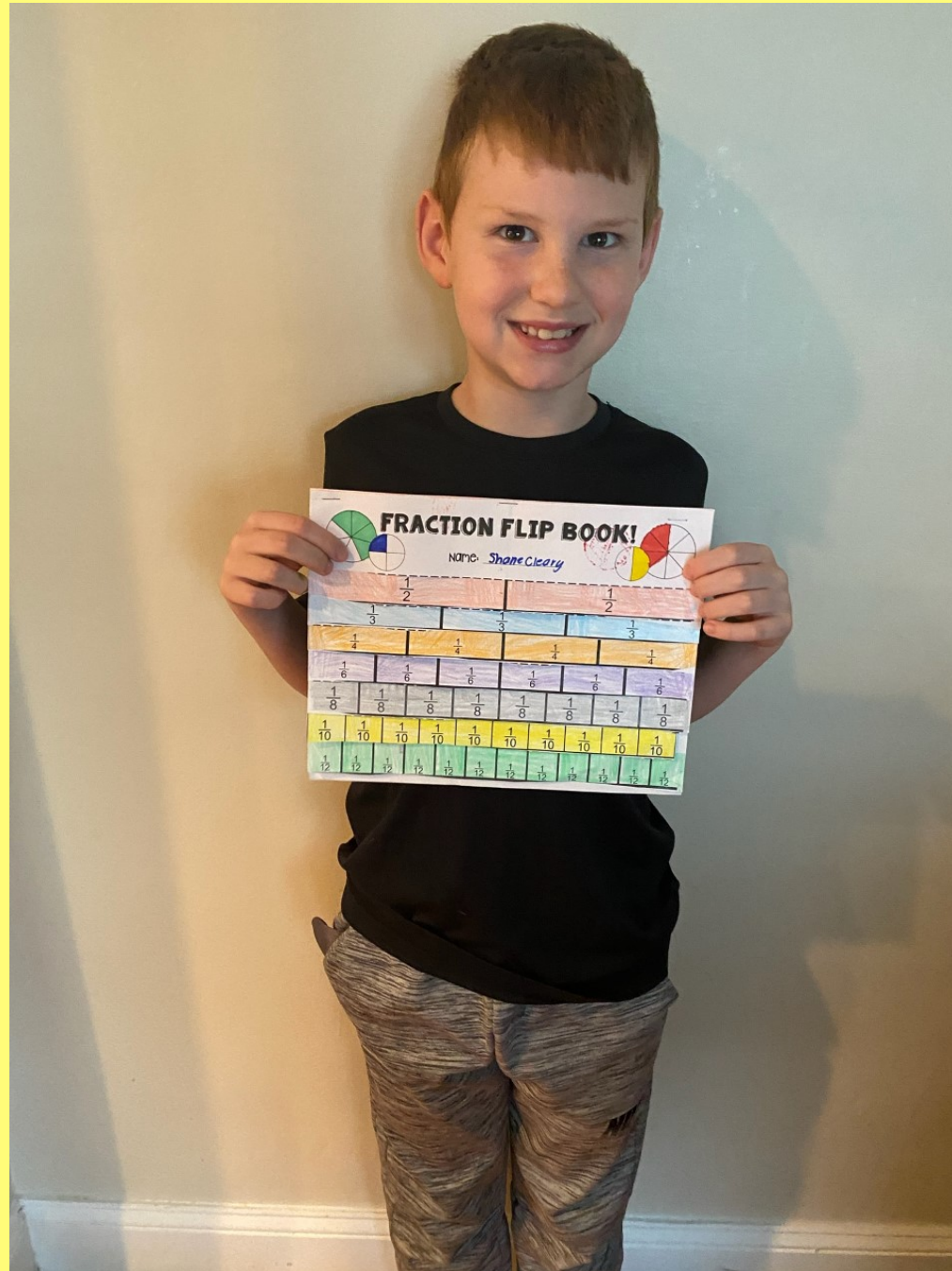




Name: Julian Nunez









FRACTION FLIP BOOK!

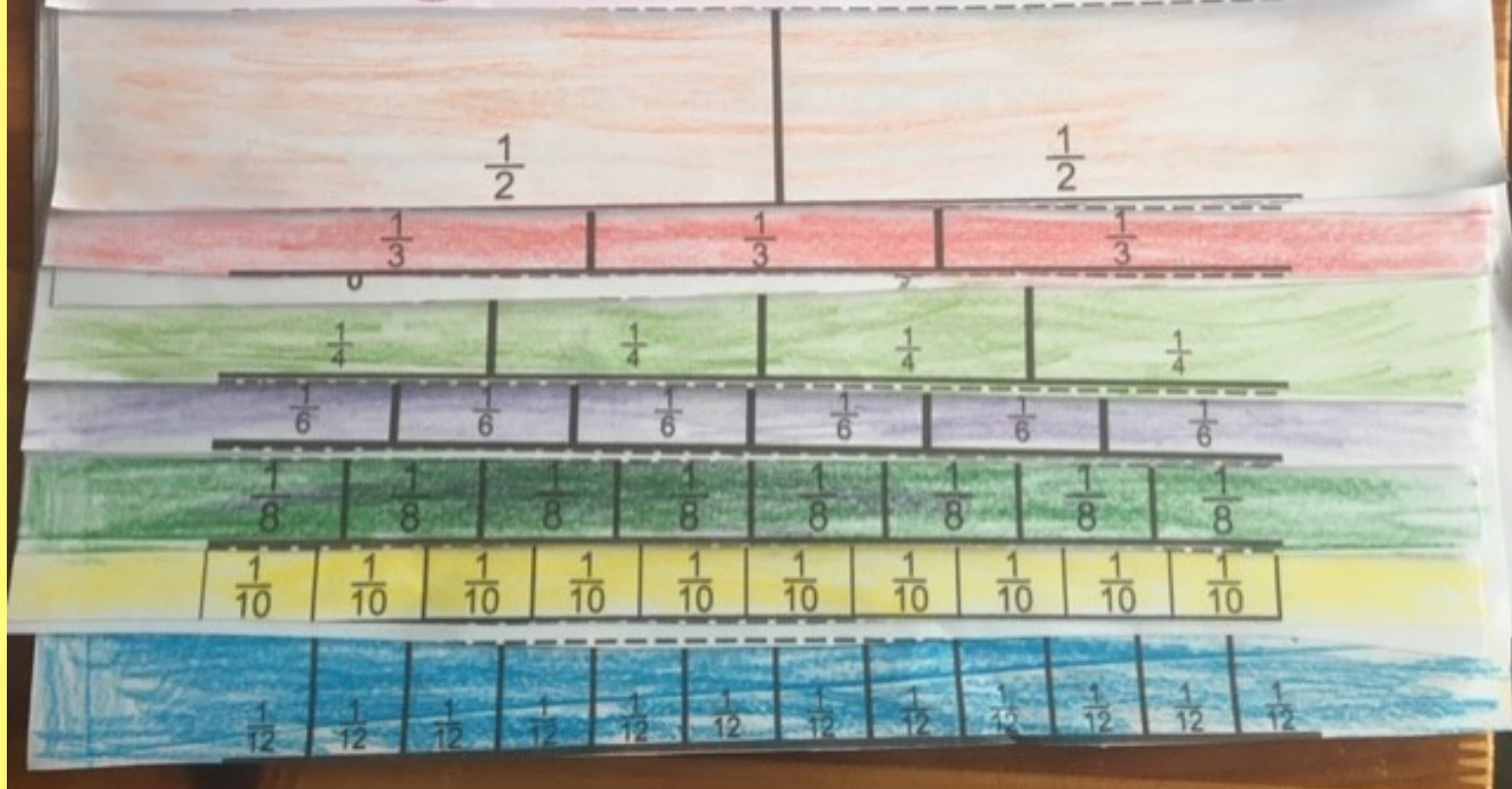
NAME: Molly Bailie





FRACTION FLIP BOOK!

Name: Jane



FRACTION AD

To convert fractions to decimals, look at the fraction as a division problem. Take the top number, or the numerator, of the fraction and divide it by the bottom number or the denominator. You can do this in your head, by using a calculator, or by doing long division. For example, $\frac{1}{4}$ is just 1 divided by 4, or 0.25.

Steps to convert decimals to fractions
 Step 1: Write down decimal divided by 1
 Step 2: Multiply both top and bottom by 10 for every number after the decimal point
 Step 3: Simplify or reduce the fraction

Victoria Del Castillo

$\frac{1}{12}$ 0.08333 8.333%	$\frac{2}{12}$ 0.166 16.6667%	$\frac{3}{12}$ 0.25 25%	$\frac{4}{12}$ 0.3333 33.333%
$\frac{5}{12}$ 0.416 41.6667%	$\frac{6}{12}$ 0.5 50%	$\frac{7}{12}$ 0.583 58.3%	$\frac{8}{12}$ 0.6667 66.6667%
$\frac{9}{12}$ 0.75 75%	$\frac{10}{12}$ 0.833 83.333%	$\frac{11}{12}$ 0.916 91.6667%	$\frac{12}{12}$ 1.0 100%

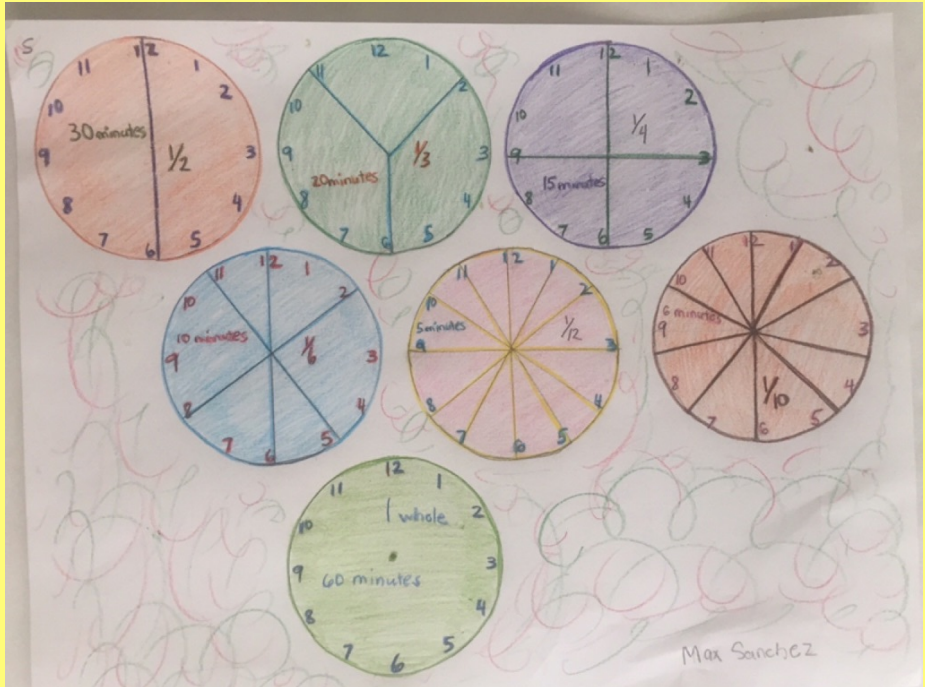
5

$$\frac{1}{2} \quad \frac{2}{4} \quad \frac{3}{6} \quad \frac{4}{8} \quad \frac{5}{10}$$

$$\frac{6}{12} \quad \frac{7}{14} \quad \frac{8}{16} \quad \frac{9}{18} \quad \frac{10}{20}$$

$$\frac{11}{22} \quad \frac{12}{24} \quad \frac{13}{26} \quad \frac{14}{28} \quad \frac{15}{30} \\ \frac{16}{32}$$

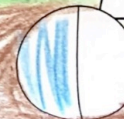
Max Sanchez





FRACTION FLIP BOOK!

Name: Chloe Albino



$$\frac{1}{2}$$

$$\frac{1}{2}$$

$$\frac{1}{3}$$

$$\frac{1}{3}$$

$$\frac{1}{3}$$

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

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

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

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

$$\frac{1}{6}$$

$$\frac{1}{6}$$

$$\frac{1}{6}$$

$$\frac{1}{6}$$

$$\frac{1}{6}$$

$$\frac{1}{6}$$

$$\frac{1}{8}$$

$$\frac{1}{8}$$

$$\frac{1}{8}$$

$$\frac{1}{8}$$

$$\frac{1}{8}$$

$$\frac{1}{8}$$

$$\frac{1}{8}$$

$$\frac{1}{8}$$

$$\frac{1}{10}$$

$$\frac{1}{10}$$

$$\frac{1}{10}$$

$$\frac{1}{10}$$

$$\frac{1}{10}$$

$$\frac{1}{10}$$

$$\frac{1}{10}$$

$$\frac{1}{10}$$

$$\frac{1}{10}$$

$$\frac{1}{10}$$

$$\frac{1}{12}$$

$$\frac{1}{12}$$

$$\frac{1}{12}$$

$$\frac{1}{12}$$

$$\frac{1}{12}$$

$$\frac{1}{12}$$

$$\frac{1}{12}$$

$$\frac{1}{12}$$

$$\frac{1}{12}$$

$$\frac{1}{12}$$

$$\frac{1}{12}$$

$$\frac{1}{12}$$

Cube

$$F = 6$$

$$V = 8$$

$$E = 12$$

$$6 + 8 = 14 - 12 = 2$$

Rectangle

$$F = 6$$

$$V = 8$$

$$E = 12$$

$$6 + 8 = 14 - 12 = 2$$

Square Pyramid

$$F = 5$$

$$V = 5$$

$$E = 8$$

$$5 + 5 = 10 - 8$$

=

$$\boxed{2}$$

Triangular prism

$$F : 5$$

$$V : 6$$

$$E : 9$$

$$5 + 6 = 11 - 9 =$$

$$\boxed{2}$$

Triangle

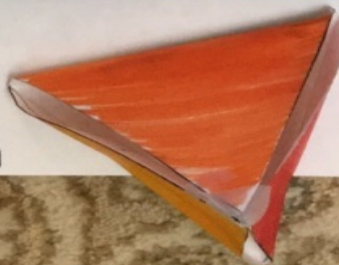
$$F = 4$$

$$V = 4$$

$$E = 6$$

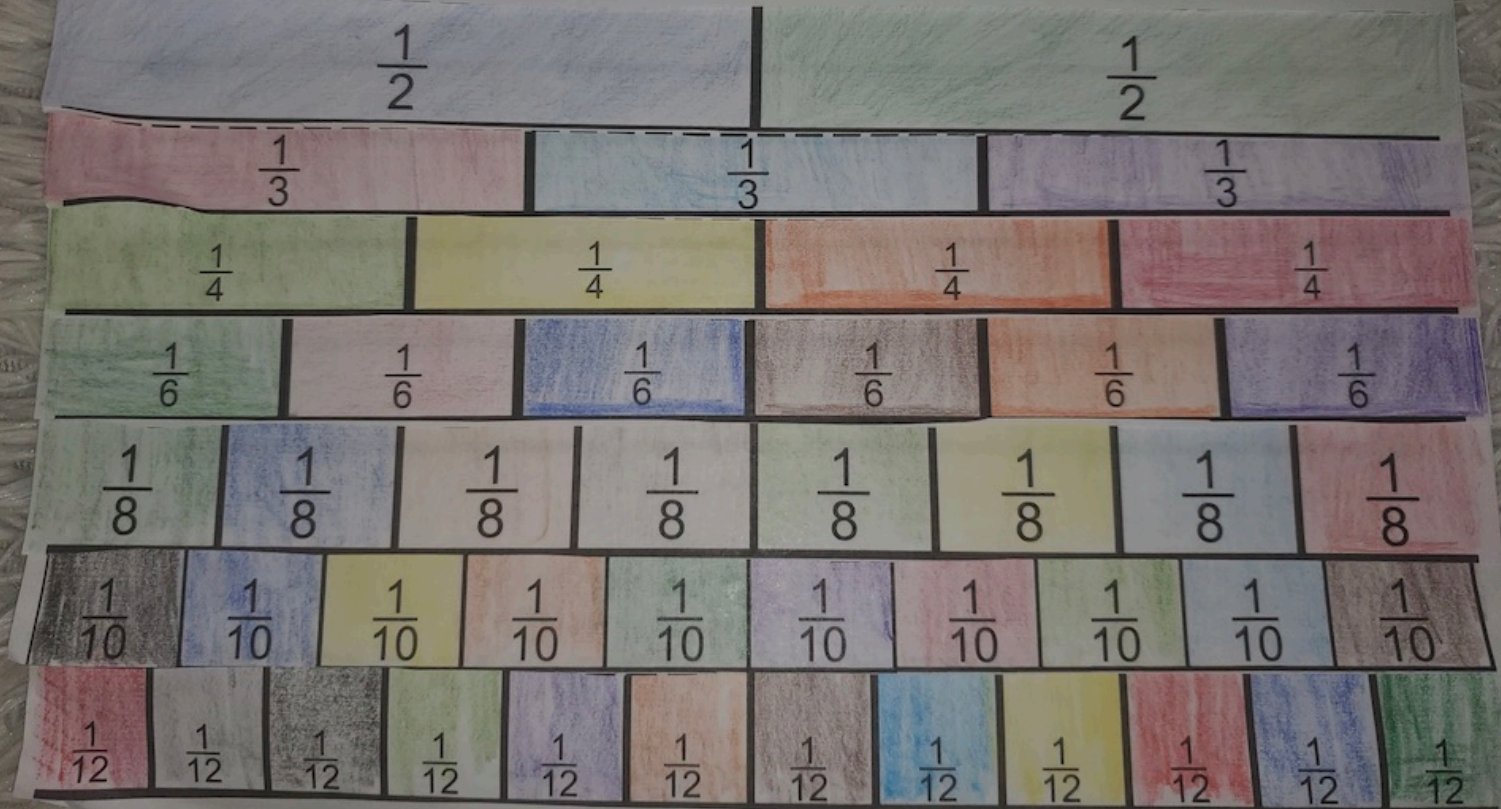
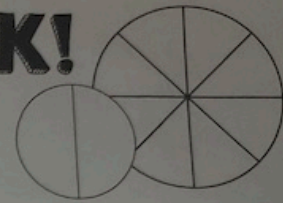
$$4 + 4 = 8 - 6$$

$$\boxed{2}$$







Name: Madison

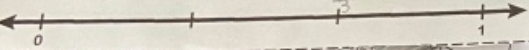




FRACTION FLIP BOOK!

Name: Luan Krasnovi

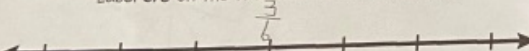
Shade $\frac{1}{3}$ of the circle.  Shade $\frac{3}{3}$ of the circle. 

Label $\frac{2}{3}$ on the fraction number line below.

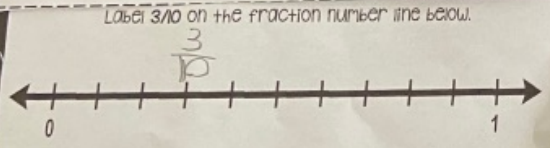




Shade $\frac{1}{6}$ of the circle.  Shade $\frac{2}{6}$ of the circle. 

Label $\frac{3}{6}$ on the fraction number line below.

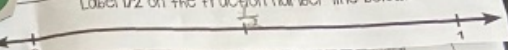



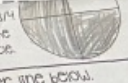
Label $\frac{3}{10}$ on the fraction number line below.



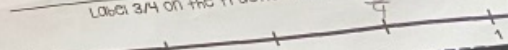

Shade $\frac{1}{2}$ of the circle.  Shade $\frac{2}{2}$ of the circle. 



Label $\frac{1}{2}$ on the fraction number line below.



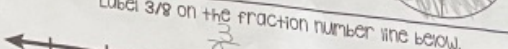
Shade $\frac{1}{4}$ of the circle.  Shade $\frac{3}{4}$ of the circle. 



Label $\frac{3}{4}$ on the fraction number line below.



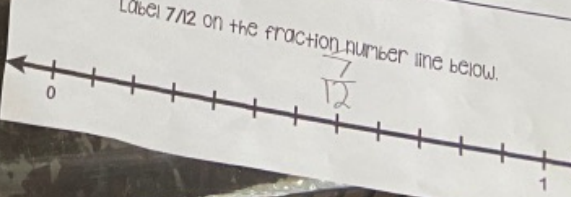
Shade $\frac{1}{8}$ of the circle.  Shade $\frac{3}{8}$ of the circle. 

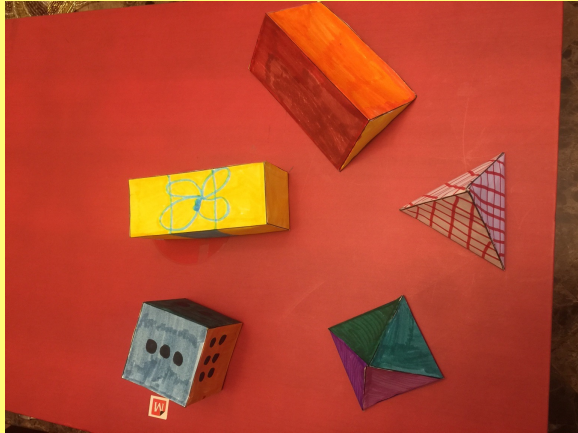
Label $\frac{3}{8}$ on the fraction number line below.



Shade $\frac{1}{12}$ of the circle.  Shade $\frac{7}{12}$ of the circle. 

Label $\frac{7}{12}$ on the fraction number line below.







6 minutes is $\frac{1}{10}$

Matthew
Flynn



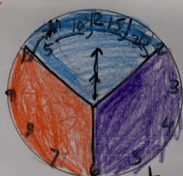
5 minutes is $\frac{1}{12}$



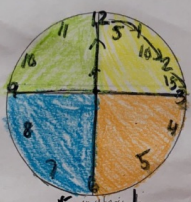
60 minutes is $\frac{1}{1}$



50 minutes is $\frac{1}{2}$



20 minutes is $\frac{1}{3}$



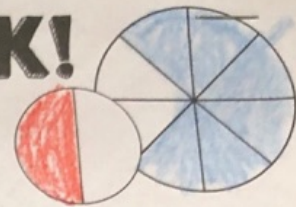
15 minutes is $\frac{1}{4}$

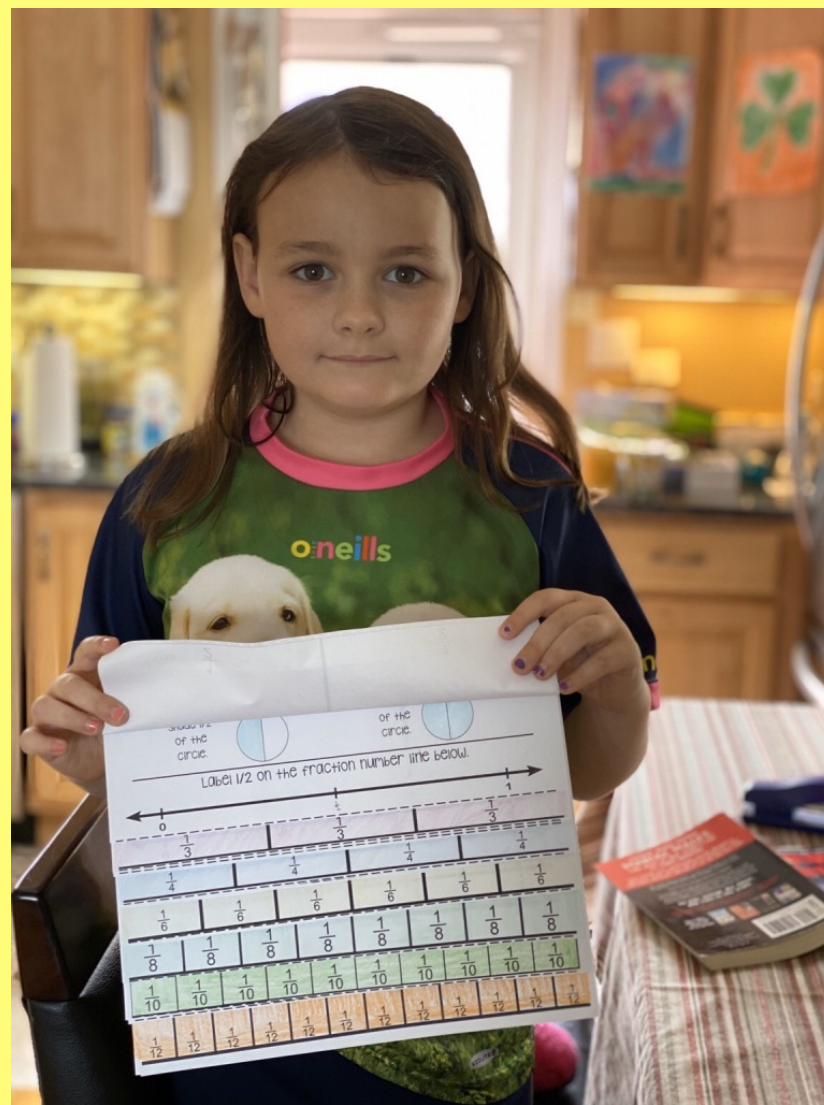
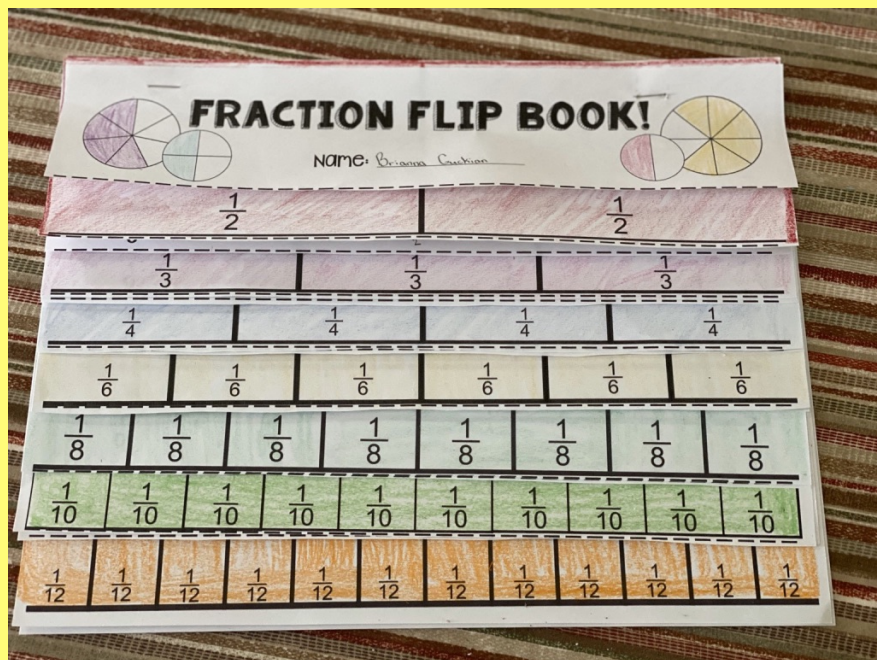


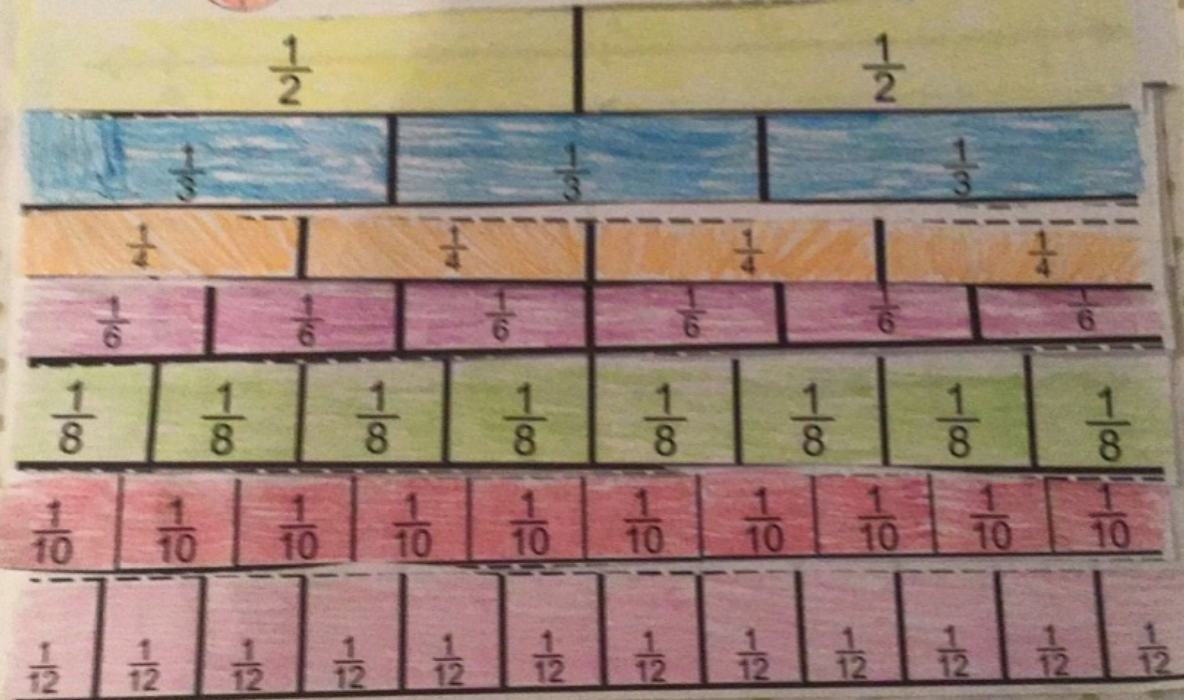
10 minutes is $\frac{1}{6}$

FRACTION FLIP BOOK!

Name: Liam Sweeney







SIMPLEST FORM

$$\frac{1}{2}$$

$\frac{2}{4}$	$\frac{3}{6}$	$\frac{4}{8}$	$\frac{5}{10}$	$\frac{6}{12}$
$\frac{7}{14}$	$\frac{8}{16}$	$\frac{9}{18}$	$\frac{10}{20}$	$\frac{11}{22}$
$\frac{12}{24}$	$\frac{13}{26}$	$\frac{14}{28}$	$\frac{15}{30}$	$\frac{16}{32}$

Sarah M.

Sarah M.

