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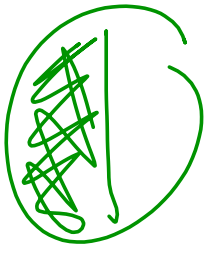
Explain what a numerator and denominator means (use and example)



$\frac{1}{2}$ ← # of parts referred to

→ # of equal parts that make a whole

Give an example for each type of fraction

Standard	Mixed number	Improper
$\frac{1}{5}$	$1\frac{3}{4}$	$\frac{10}{3}$

What is the place value of the underlined Number?

234.353 67

thousandths

.000 735

hundredths

0.467 825

hundred thousandths

2456.123 576

millionths

How do you read these numbers?

12.34

twelve and thirty four hundredths

0.5

0.057

0.213

0.67013

0.00010

0.0001

Change to improper fraction or back to mixed number

$4\ ^{2}/_{5}$ = $\frac{22}{5}$

$^{75}/_{20}$ = $3\ \frac{15 \div 5}{20 \div 5}$ $3\ \frac{3}{4}$

$^{23}/_{4}$ = $5\ \frac{3}{4}$

9/4 = $2\ \frac{1}{4}$

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Convert to decimal

$^{1}/_{4}$ = 0.25

$^{3}/_{8}$ = 0.375

$6\ ^{2}/_{10}$ = 6.2

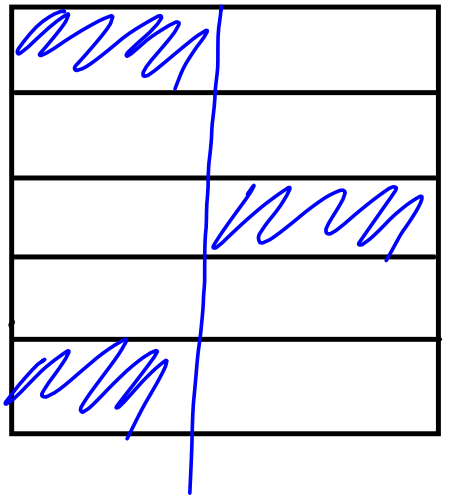
$3\ ^{50}/_{10000}$ = 3.0050

2/7 = 0.28571

3/5 = 0.6

$\frac{3}{5} = \frac{6}{10}$

Shade in 3/10



CONVERT TO FRACTION:

0.3 $\frac{3}{10}$

0.45 $\frac{45}{100}$ $\frac{9}{20}$

0.010 $\frac{10}{1000}$

1.52 $1\frac{52}{100}$

4.03 $4\frac{3}{100}$

2.13 $2\frac{13}{100}$

Order from least to greatest

0.56, 3.76, 0.072, 0.061, 0.409

0.061, 0.072, 0.409, 0.56, 3.76

3.5, 0.076, 0.45, 9.0, 0.76

0.076, 0.45, 0.76, 3.5, 9.0

Compare using <,>,=

$^{3}/_{4}$ ___ $^{4}/_{5}$

$^{150}/_{300}$ ___ $^{40}/_{60}$

0.045 ___ .0099

$^{45}/_{60}$ ___ 0.75

$^{7}/_{3}$ ___ $^{9}/_{10}$ =

$^{5}/_{7}$ ___ $^{2}/_{3}$ =

What was your strategy?

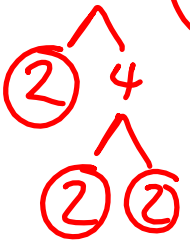
What are the steps in determine if a fraction will repeat or not?

1. put the fraction in Lowest terms!
2. Prime factorize the ~~demo~~ denominator.

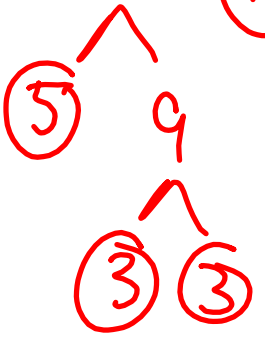
Repeating or not? How do you know?

4/5 T

7/8 T



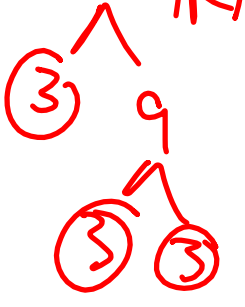
4/45 R



3/9

$\frac{1}{3}$ R

8/27 R



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Jenny had a pizza that was divided into eight equals sliced. She ate 3.Bill had the same size pizza but his was divided into four equal slices. He ate three.

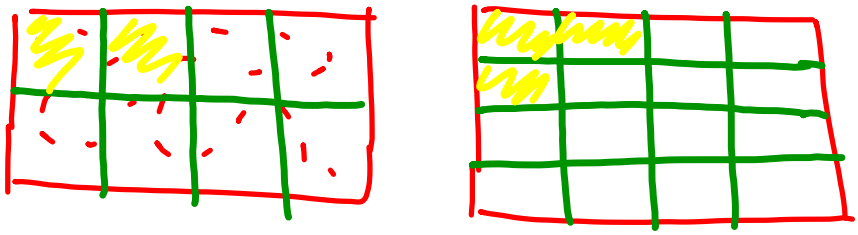
Who ate more?

$\frac{3}{8} < \frac{3}{4}$

Kim made 2 pies the same size. The cherry pie was cut into 6 slices the pumpkin pie was cut into 12 slices. At a party people ate three slices from the cherry pie and six slices from the pumpkin pie. Did people eat more pumpkin pie or more cherry pie?

$\frac{3}{6} = \frac{6}{12}$

Jerry baked 2 pans of brownies that were the same size. One had nuts and one had no nuts. The pan with nuts was cut into 8 slices and the pan with no nuts was cut into16 slices. His friends ate 2 brownies with nuts and 3 brownies with no nuts.Which kind of brownies was eaten the most?



$\frac{2}{8} > \frac{3}{16}$

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Calculate quotient

$^1/_2 \div {}^1/_{10} =$ $\frac{1}{2} \times \frac{10}{1} = \frac{10}{2} = 5$

~~2.4 ÷ 0.012 =~~

$^4/_{12} \div$ ~~0.75~~ $= \frac{3}{4} = \frac{16 \div 4}{36 \div 4} = \frac{4}{9}$

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Calculate the product

$^5/_7 \times {}^3/_5 =$

$\frac{15}{35} = \frac{3}{7}$

$0.5 \times 2.3 =$

$^4/_8 \times {}^2/_3 = \frac{8}{24} : \frac{1}{3}$

$1\,{}^2/_3 \times 0.2 =$

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Add

$^1/_4 + {}^2/_{16} =$

$\frac{4}{16} + \frac{2}{16} = \frac{6}{16} \div 2 = \frac{3}{8}$

$^{12}/_{18} + {}^6/_9 =$ $\frac{24}{18}$ $1\frac{6}{18}$

$\frac{12}{18}$

$1\frac{1}{3}$

Subtract

$^4/_5 - {}^2/_5 =$ $\frac{2}{5}$

$^3/_4 - {}^1/_3 =$

$\frac{9}{12} - \frac{4}{12} = \frac{5}{12}$

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