

Place Value

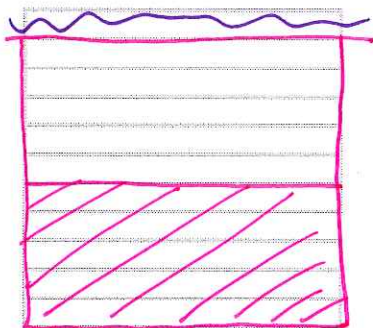
million's	hundred thousands	ten-thousands	thousands	hundreds	tens	ones	.	tenth	hundredth	thousandths	ten-thousandths	hundred thousandths	millionths
7	6	5	4	3	2	1	.	1	2	3	4	5	6

Decimals are Fractions!

and $\frac{1}{10}$ $\frac{2}{100}$ $\frac{3}{1000}$

Decimal	Place Value Name	Fraction
0.1	One tenth	$\frac{1}{10}$
0.24 ↑ hundredths	Twenty-four hundredths	$\frac{24}{100} = \frac{6}{25}$
0.5	Five tenths	$\frac{5}{10} = \frac{1}{2}$
0.123	One hundred twenty three thousandths	$\frac{123}{1000}$
1.05	one and five hundredths	$1\frac{5}{100} = 1\frac{1}{20}$

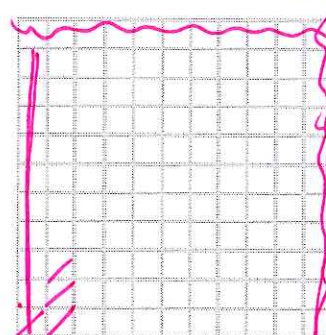
Color in the spaces to represent each decimal. Then write the equivalent fraction.



0.5



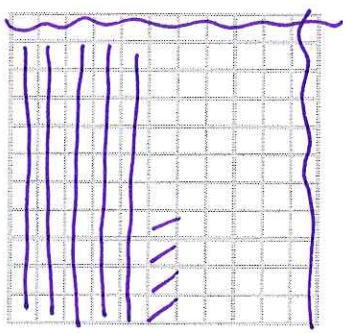
0.4



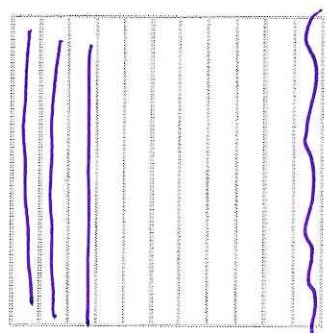
0.13

one extra row + column

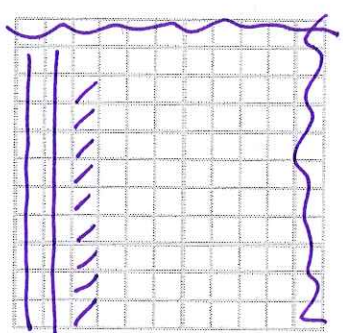
one extra row + column



0.54



0.3



0.29

→ List the fractions from smallest to largest.

0.1, 1.1, 0.01

0.01, .01, .1, 0.1, 1.1

0.05, 0.50, 0.55

0.05, 0.5, 0.55

0.13, 0.09, 1.2

.09, .13, 1.2

0.24, 0.3, 0.07

.07, .24, .3

Rounding

Round 45,591.52199 to the nearest:

tenth 45,591.5	ones 45,592
Hundred 45,591.52199 45,600	ten-thousandth 45,591.5220
Thousandth 45,591.52199	hundredth 45,591.52

45,591.522

rounding digit → test digit
 one to the right
 4 or less → round digit stay same
 5 or more → round digit goes up 1.
 drop digits after decimal

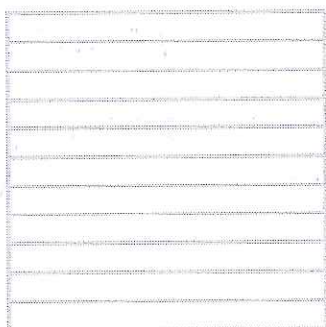
Place Value

7	6	5	4	3	2	1	.	1	2	3	4	5	6

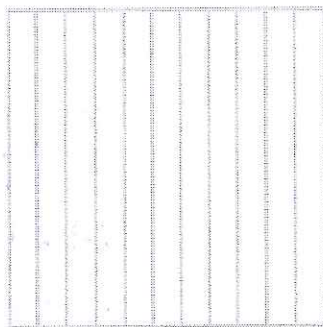
Decimals are Fractions!

Decimal	Place Value Name	Fraction
0.1	One tenth	$\frac{1}{10}$
0.24	Twenty-four hundredths	$\frac{24}{100} = \frac{6}{25}$
0.5		
0.123		
1.05		

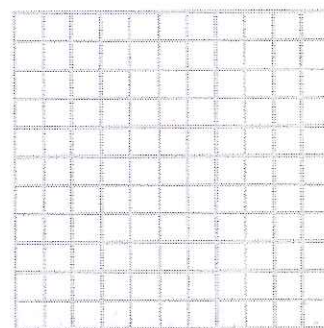
Color in the spaces to represent each decimal. Then write the equivalent fraction.



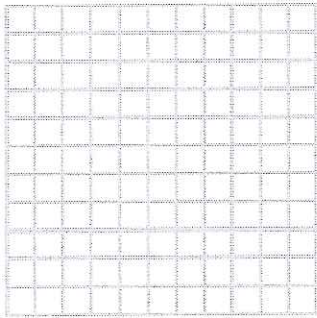
0.5



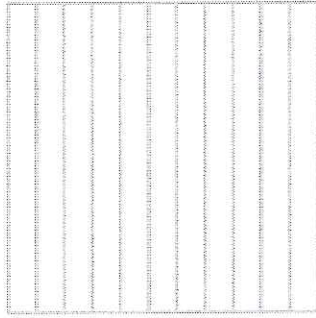
0.4



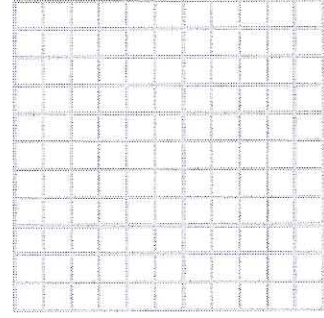
0.13



0.54



0.3



0.29

List the fractions from smallest to largest.

0.1 , 1.1 , 0.01

_____ / _____ / _____

0.05 , 0.5 , 0.55

_____ / _____ / _____

0.13 , 0.09 , 1.2

_____ / _____ / _____

0.24 , 0.3 , 0.07

_____ / _____ / _____

Rounding

Round 45,591.52199 to the nearest:

tenth	ones
Hundred	ten-thousandth
Thousandth	hundredth