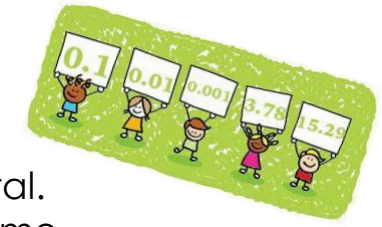
DECIMALS REVIEW



Choose 1 activity from each row. You will complete **4** activities total. Most activities should take approximately 15 minutes. However, some activities may take additional time.

My teacher's assignment	Complete **Activity #1** and turn it into your teacher.		Complete **Activity #2** and turn it into your teacher.
Add, Subtract, Multiply, Divide: Practice your facts	Practice your facts with a partner. *You can use flash cards or have a partner quiz you.*	Practice your facts using Freckle, Xtra Math, or another online platform.	Practice your facts by playing Math Facts War. *Using playing cards. Each partner turns over 2 cards and adds, subtracts, or multiplies them. The partner with the higher answer wins the cards.*
Technology	**Play the online game: Comparing Decimals** https://www.abcya.com/games/comparing_number_values	**Play the online game: Decimals to One** https://www.mathplayground.com/galaxypalsdecimals.html	**Play the online game: Decimal place value** https://mrnussbaum.com/place-value-pirates-online-game
Hands on: play a game	**Play "Model Match" Game** *If you don't have a printer, play only with standard form and word form. Create the cards on paper.*	**Play "Where Is It?" Game** *If you don't have a printer, draw a number line on a sheet of paper. Choose any decimals you'd like.*	**Complete "Color the decimals" sheet** *You will need to print this page out.*

DECIMALS: ACTIVITY #1

Express each of the following as a decimal.

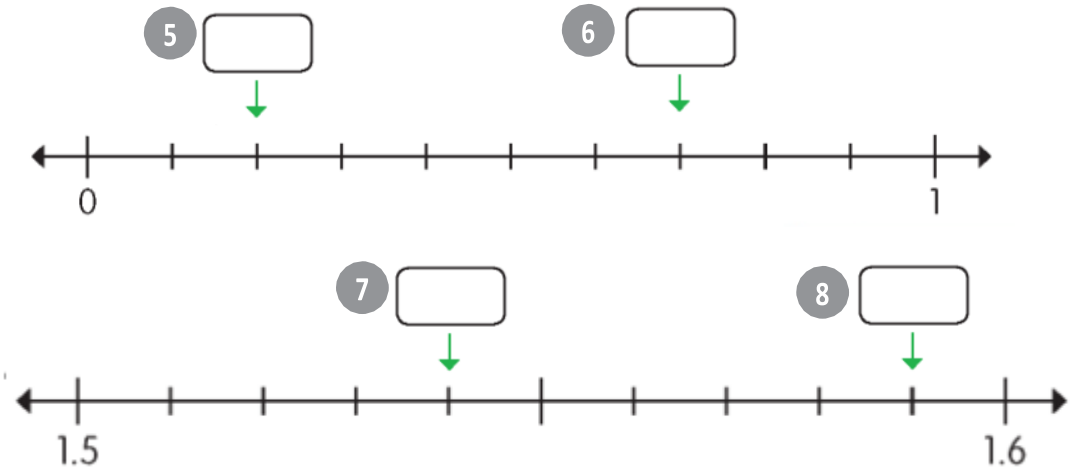
1. $\frac{7}{10}$ = _____

2. 9 hundredths = _____

3. In 23.6, the digit _____ is in the tenths place.

4. In 1.59, the digit 9 stands for _____.

Write the correct decimal in each box.



Compare each pair of decimals. Write <, >, or =.

9. 4.1 ◯ 4.11

10. 3.02 ◯ 3.2

11. 5.87 ◯ 5.7

DECIMALS: ACTIVITY #2

1 Rachel and Maya were training for a long jump meet. During training, Rachel jumped a distance of $3\frac{5}{10}$ meters. Maya jumped a distance of $3\frac{45}{100}$ meters. Maya thought she jumped farther than Rachel.

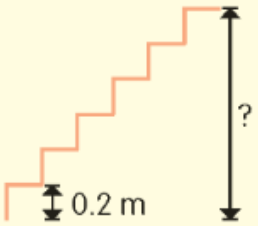
a Do you agree or disagree?
Explain. Use a number line or draw a model to support your answer.

_____

_____

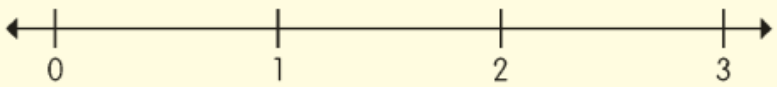
_____

2 As part of her training, Rachel hopped up some steps in the sports hall. The height of each step was 0.2 meter. Skip count by 0.2 to find the total height of 6 steps.



0.2, 0.4, 0.6, _____, _____, _____

3 Mark an ✗ on the number line to show the total height of 6 steps.



Total Height of Steps

Model Match

Reporting Category	Number and Number Sense
Topic	Read, write, represent, and identify decimals
Primary SOL	4.3 The student will a) read, write, represent, and identify decimals expressed through thousandths.

Materials

- Recording sheets
- Copy of model cards
- Decimal cards

Vocabulary

tenths, hundredths, thousandths, word form, model

Student/Teacher Actions (what students and teachers should be doing to facilitate learning)

1. Each individual or group should receive a set of model cards, written-form cards, and standard-form cards. (It is helpful if you pre-cut and prepare cards for students.)
2. Students may work individually or in groups to match the written form of a decimal to the standard form and the model card of each decimal.
3. Once students have matched the three cards for each decimal, they should record their matches on the recording sheet provided.
4. You can use the sample decimal recording sheet to demonstrate how you would like students to record their work. For the picture column, have students draw a model of the decimal like the one found on the matching model card, or use Base-10 blocks.

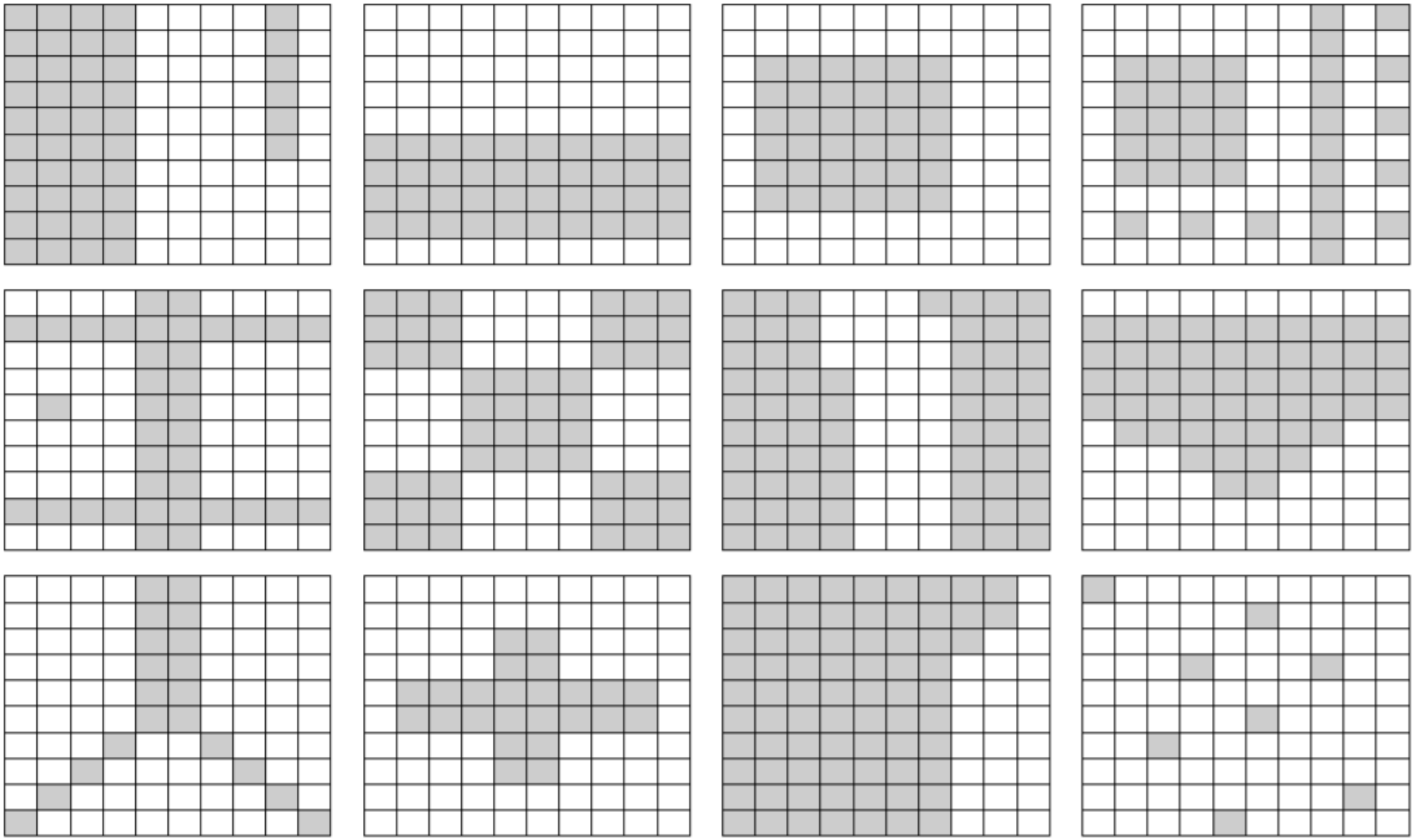
Variations:

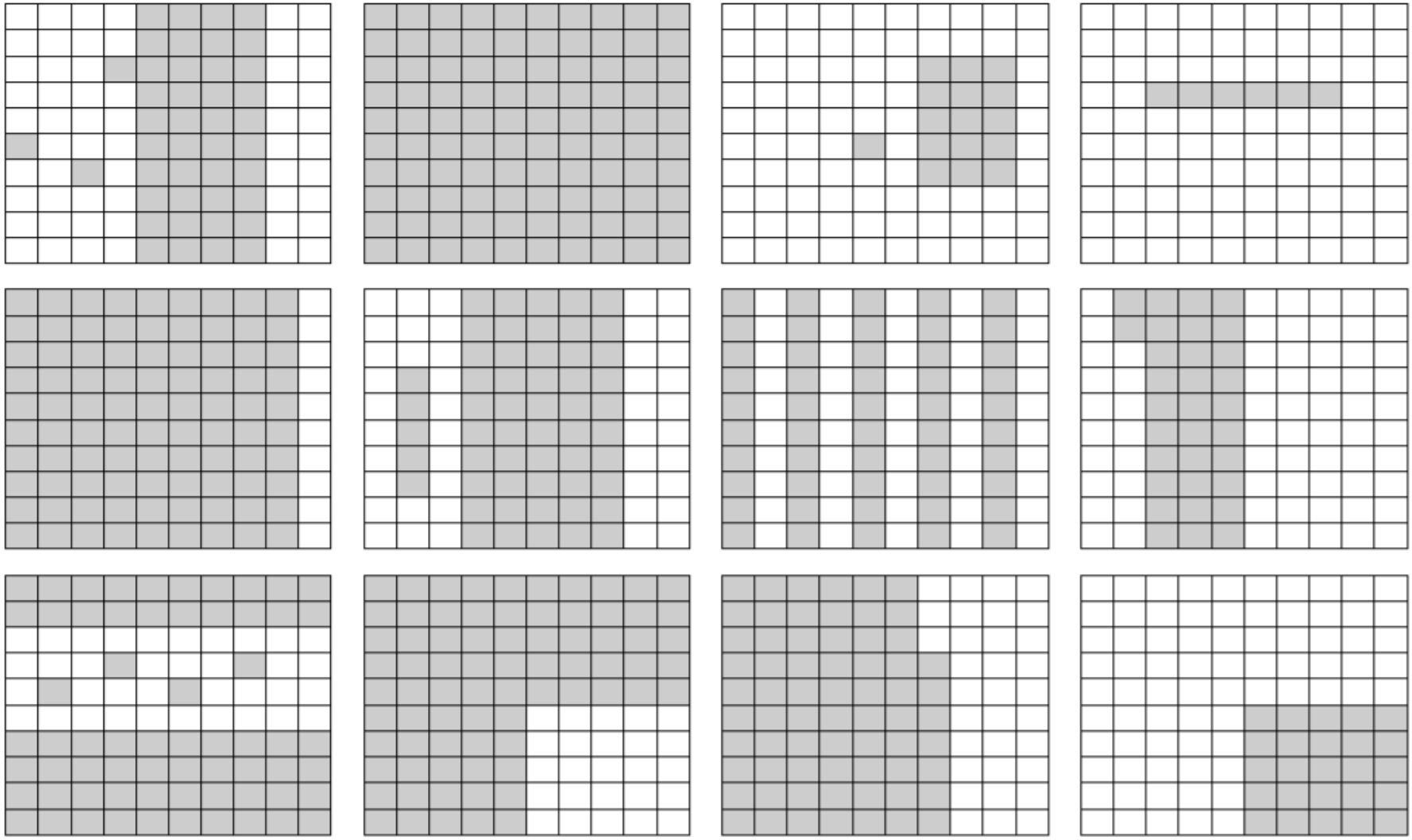
- Have students distribute the cards among the members of their group and then play "Go Fish". Students are to find the matches representing the three forms of the decimal.

DECIMALS RECORDING SHEET

WORD FORM	STANDARD FORM	PICTURE

Model Cards





0.56	0.68	0.52	0.53
0.4	0.06	0.43	0.96
0.34	0.64	1	0.16
0.2	0.08	0.32	0.75
0.24	0.55	0.67	0.25
0.75	0.5	0.36	0.37

Standard-Form Cards

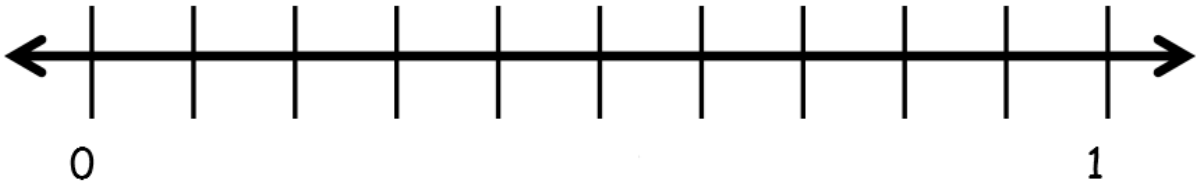
fifty-six hundredths	sixty-eight hundredths	fifty-two hundredths	fifty-three hundredths
four tenths	six hundredths	forty-three hundredths	ninety-six hundredths
thirty-four hundredths	sixty-four hundredths	one whole	sixteen hundredths
two tenths	eight hundredths	thirty-two hundredths	seventy-five hundredths
twenty-four hundredths	fifty-five hundredths	sixty-seven hundredths	twenty-five hundredths
seventy-five hundredths	five tenths	thirty-six hundredths	thirty-seven hundredths

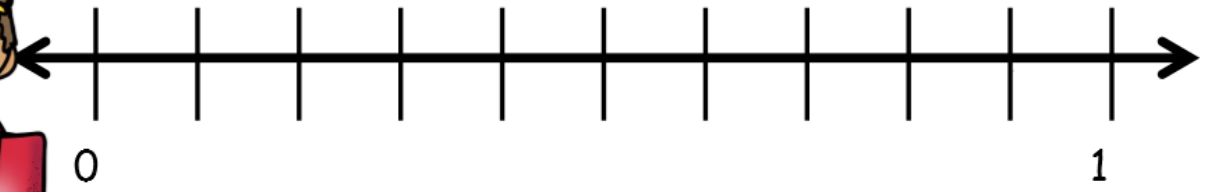
Where Is it? Decimal Game

Directions:

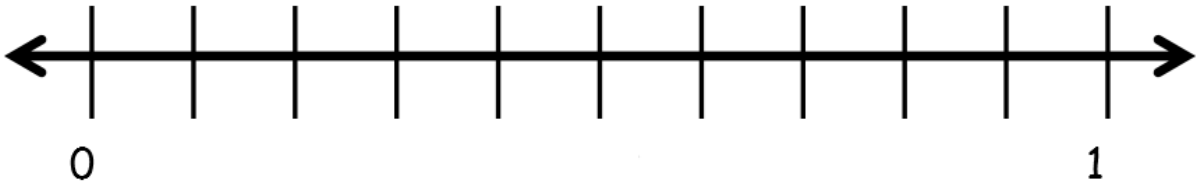
1. Each player draws a card and writes that number on the first number line.
2. Players one guess a decimal number between zero and one. Player one writes the number they guessed on the second number line. Player two writes that number on the first number line and informs player one if the number is larger or smaller than the number they drew.
3. Player two then guesses a number and writes it on the second number line. Player one writes the number guessed on the first number line and then informs player two if the number is larger or smaller than the number he or she drew.
4. Players take turns guessing numbers. The first player to guess the correct decimal wins.

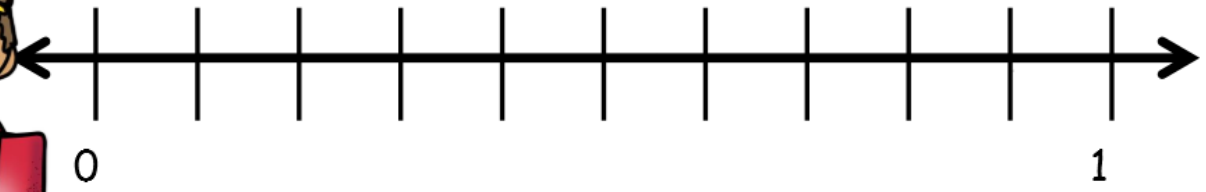
Where Is It?



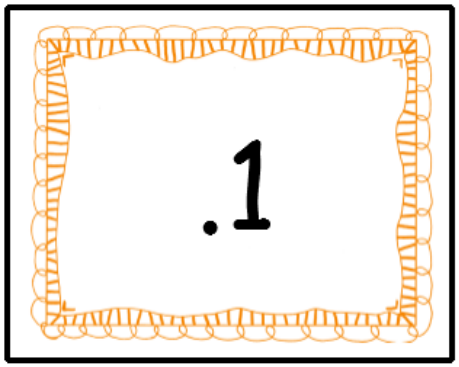


Where Is It?





.13	.27	.37
.46	.51	.68
.72	.81	.99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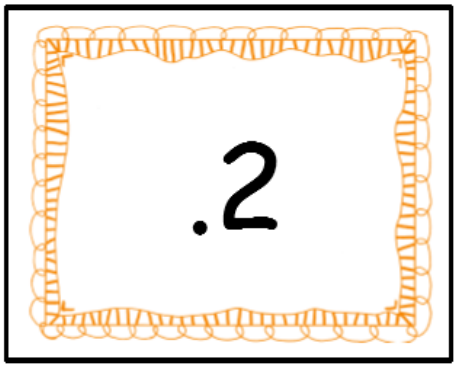
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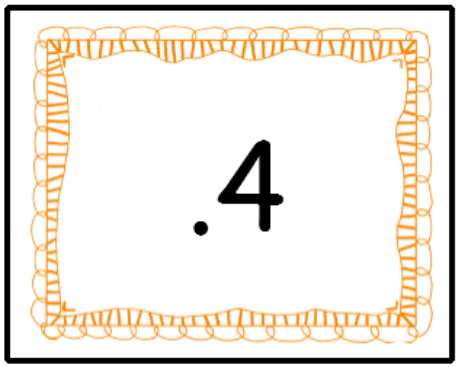
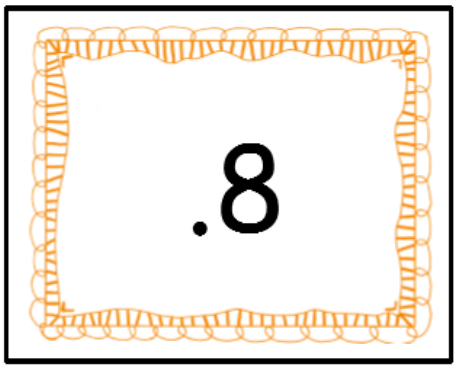

.4


.5


.6


.7


.8


.9

Color the Decimals

Solve each problem. Identify matching answers between column 1 and column 2. Then color the picture.

For example: if the answer the question 1 matches the answer to the color purple, then all 1's on the coloring sheet will be colored purple.

Column 1	Column 2
1. 19.32, 18.4, 18.9 Which is the smallest number? _____	Purple. 8.84, 8.48, 8.5 Which is the smallest number? _____
2. 9.09, 5.93, 9.43 Which is the largest number? _____	Blue. 18.4, 9.94, 18.08 Which is the largest number? _____
3. 19.3, 11.3, 18.4 Which is the smallest number? _____	Green. 5.8, 7.45, 5.74 Which is the smallest number? _____
4. 7.9, 7.98, 9.43 Which is the smallest number? _____	Orange. 10.9, 11.3, 11.04 Which is the largest number? _____
5. 8.28, 8.08, 8.48 Which is the largest number? _____	Yellow. 19.3, 9.43, 11.3 Which is the smallest number? _____
6. 5.74, 4.57, 5.47 Which is the largest number? _____	Red. 7.19, 7.9, 7.09 Which is the largest number? _____