

DECIMAL MYSTERY NUMBER

*Use the clues to eliminate decimal numbers
and find the mystery number!*

PRINT & DIGITAL

MYSTERY NUMBER #1

USE THE CLUES TO ELIMINATE NUMBERS.

Clue #1: I have an odd digit and an even digit.

Clue #2: The digit in my tenths place is less than the digit in my hundredths place.

Clue #3: I am between zero and one-half.

Clue #4: My tenths digit is a factor of 8.

Clue #5: I am worth one quarter.

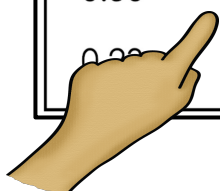


Use the X to eliminate
the numbers.



0.56 0.81 0.38 0.25

0.28 0.83 0.92 0.43



MYSTERY NUMBER #3

Use the clues to eliminate numbers:

Clue #1: I have two digits after my decimal.

Clue #2: I am more than 0.1 but less than 0.4.

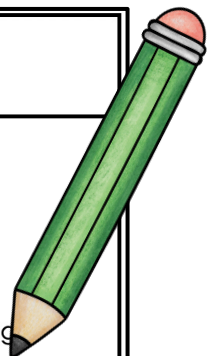
Clue #3: Both of my digits are odd numbers.

Clue #4: The digit in my tenths place is closer to 0 than my other digit.

Clue #5: I am closer to 0.2 than I am to 0.3.

0.25 ~~0.55~~ 0.35 0.16 ~~0.45~~

0.22 0.19 0.11 ~~0.7~~ 0.14



SHELLEY GRAY

about this resource

This resource includes 20 mystery number activities. In each activity, your students will use the clues to eliminate decimal numbers and figure out which one is the mystery number.

These activities work with tenths and hundredths and include skills such as decimal vocabulary, odd/even, greater than/less than, and more!

I've included this resource in both a print and digital version so you can choose the version that best suits your needs.

PRINT VERSION

In the print version, activities are two to a page. These are great as early finisher activities or math warm-ups!

MYSTERY NUMBER #1
Use the clues to eliminate numbers:

Clue #1: I have an odd digit and an even digit.

Clue #2: The digit in my tenths place is less than the digit in my hundredths place.

Clue #3: I am between zero and one-half.

Clue #4: My tenths digit is a factor of 8.

Clue #5: I am worth one quarter.

0.560.810.380.250.37

0.230.260.920.430.75

MYSTERY NUMBER #2
Use the clues to eliminate numbers:

Clue #1: I have two digits after my decimal.

Clue #2: I am less than one-half.

Clue #3: You can find me between 0.3 and 0.4 on a number line.

Clue #4: The digit in my hundredths place is greater than the digit in my tenths place.

Clue #5: My hundredths place is a multiple of 3.

0.50.330.10.380.2

0.80.360.530.420.7

MYSTERY NUMBER #3
Use the clues to eliminate numbers:

Clue #1: I have two digits after my decimal.

Clue #2: I am more than 0.1 but less than 0.4.

Clue #3: Both of my digits are odd numbers.

Clue #4: The digit in my tenths place is closer to 0 than my other digit.

Clue #5: I am closer to 0.2 than I am to 0.3.

0.250.550.350.160.45

0.220.190.110.70.14

MYSTERY NUMBER #4
Use the clues to eliminate numbers:

Clue #1: I am greater than 0.4.

Clue #2: The digit in my tenths place is even.

Clue #3: The sum of my digits is less than 14.

Clue #4: I have two digits after my decimal.

Clue #5: I am less than one-half.

0.480.150.80.670.3

0.70.640.90.120.89

MYSTERY NUMBER #5
Use the clues to eliminate numbers:

Clue #1: My tenths place digit is a multiple of 2.

Clue #2: The digit in my hundredths place is less than the digit in my tenths place.

Clue #3: I am less than three-fourths.

Clue #4: I can be rounded to 0.6.

Clue #5: The sum of my digits is an odd number.

0.430.290.620.470.85

0.610.870.90.70.5

MYSTERY NUMBER #6
Use the clues to eliminate numbers:

Clue #1: The digit in my hundredths place is 2 less than the digit in my tenths place.

Clue #2: I am more than 0.4.

Clue #3: I am less than 0.8.

Clue #4: My tenths digit is an odd number.

Clue #5: I can be represented with quarters.

0.750.460.970.730.99

0.530.310.420.640.74

DIGITAL VERSION

The digital version is created in Google Slides™. Students will use the x's to eliminate the fractions after reading each clue.

Use one or two slides at a time as a daily math warm-up, or to add to the day's assignment!

MYSTERY NUMBER #2

USE THE CLUES TO ELIMINATE NUMBERS.

Clue #1: I have two digits after my decimal.

Clue #2: I am less than one-half.

Clue #3: You can find me between 0.3 and 0.4 on a number line.

Clue #4: The digit in my hundredths place is greater than the digit in my tenths place.

Clue #5: My hundredth

Use the X to eliminate the numbers.

X

0.50.3

0.80.3

©Shelley Gray www.ShelleyGrayTeaching.com

MYSTERY NUMBER #5

USE THE CLUES TO ELIMINATE NUMBERS.

Clue #1: My tenths place digit is a multiple of 2.

Clue #2: The digit in my hundredths place is less than the digit in my tenths place.

Clue #3: I am less than three-fourths

Clue #4: I can be rounded

Clue #5: The sum of my dig

Use the X to eliminate the numbers.

X

0.430.29

0.610.87

©Shelley Gray www.ShelleyGrayTeaching.com

MYSTERY NUMBER #15

USE THE CLUES TO ELIMINATE NUMBERS.

Clue #1: The digit in my tenths place is even.

Clue #2: I do not have two digits after my decimal.

Clue #3: My tenths digit is more than 1 but less than 7.

Clue #4: I am less than 0.5.

Clue #5: I am not equal to forty-hundredths.

Use the X to eliminate the numbers.

X

0.30.40.10.250.8

0.60.20.50.70.12

©Shelley Gray www.ShelleyGrayTeaching.com

The mystery number is:

thank you for your interest!

www.ShelleyGrayTeaching.com