FOUR-DIGIT
MYSTERY NUMBER

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

PRINT & DIGITAL

MYSTERY NUMBER #6

USE THE CLUES TO ELIMINATE NUMBERS.

Clue #1: My thousands place has the same digit as my ones place.

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

Clue #3: On a number line, I am closer to 6,000 than to 7,000.
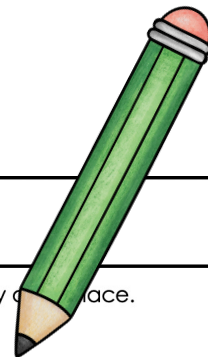
Clue #4: If you count by 5's, you will say my name.

Clue #5: The sum of my digits is the double of 9.

| 5,625 | 7,~~~~91 | 7,527 | 6,~~~~9 | 5,875 |
| 6,206 | 5,115 | 6,~~~~4 | 7,~~~~3 | 7,497 |

Use the X to eliminate the numbers.

The mystery number is:

©Shelley Gray GrayTeaching.com

MYSTERY NUMBER #6

Use the clues to eliminate numbers:

Clue #1: My thousands place has the same digit as my ones place.

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

Clue #3: On a number line, I am closer to 6,000 than to 7,000.

Clue #4: If you count by 5's, you will say my name.

Clue #5: The sum of my digits is the double of 9.

| 5,625 | 7,~~~~91 | 7,527 | 6,~~~9 | 5,875 |
| 6,206 | 5,115 | 6,2~~2~~4 | 7,~~3~~43 | 7,497 |

CREATED BY SHELLEY GRAY

about this resource

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

These activities work with four-digit numbers and include skills such as even/odd, greater than/less than, addition/subtraction, 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 am greater than 1,000 but less than 3,000.

Clue #2: I am an even number.

Clue #3: The digit in my hundreds place is the double of 3.

Clue #4: The value of the digit in my ones place is half of 8.

Clue #5: The sum of my digits is 12.

| 1,591 | 2,604 | 4,525 | 3,637 | 1,668 |
| 2,644 | 2,593 | 1,998 | 3,662 | 5,813 |

MYSTERY NUMBER #2
Use the clues to eliminate numbers:

Clue #1: The value of my hundreds place is less than 600.

Clue #2: The digit in my tens place is less than the digit in my ones place.

Clue #3: I am not an odd number.

Clue #4: The digit in my ones place is equal to 4 groups of 2.

Clue #5: I can be rounded to 2,000.

| 3,692 | 4,178 | 1,223 | 3,145 | 1,986 |
| 6,304 | 5,749 | 2,021 | 1,558 | 8,589 |

MYSTERY NUMBER #3
Use the clues to eliminate numbers:

Clue #1: You will find me between the double of 2,000 and the double of 4,000.

Clue #2: Three of my digits are even and one digit is odd.

Clue #3: The digit in my tens place is less than the digit in my hundreds place.

Clue #4: I am closer to 5,000 than I am to 7,000.

Clue #5: The sum of my digits is 1 less than 20.

| 1,929 | 5,533 | 2,117 | 4,861 | 6,759 |
| 6,894 | 8,951 | 7,426 | 4,377 | 5,424 |

MYSTERY NUMBER #4
Use the clues to eliminate numbers:

Clue #1: I have two digits that are the same.

Clue #2: I am not an even number.

Clue #3: The value of my tens place is less than 50.

Clue #4: I am more than 5,000 but less than 9,000.

Clue #5: The value of my thousands place is the double of 3,000.

| 9,019 | 8,452 | 5,548 | 6,713 | 9,644 |
| 6,367 | 7,211 | 8,197 | 5,345 | 6,229 |

MYSTERY NUMBER #5
Use the clues to eliminate numbers:

Clue #1: You will find me between the double of 2,000 and the double of 3,000.

Clue #2: The value of my hundreds place is more than 400.

Clue #3: The sum of my digits is an even number.

Clue #4: I have more hundreds than tens.

Clue #5: My tens place has the same digit as my ones place.

| 3,489 | 4,781 | 5,522 | 5,210 | 4,357 |
| 6,184 | 5,907 | 4,524 | 4,819 | 5,143 |

MYSTERY NUMBER #6
Use the clues to eliminate numbers:

Clue #1: My thousands place has the same digit as my ones place.

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

Clue #3: On a number line, I am closer to 6,000 than to 7,000.

Clue #4: If you count by 5's, you will say my name.

Clue #5: The sum of my digits is the double of 9.

| 5,625 | 7,991 | 7,527 | 6,819 | 5,875 |
| 6,206 | 5,115 | 6,224 | 7,343 | 7,497 |

DIGITAL VERSION

The digital version is created in Google Slides™. Students will use the x's to eliminate the numbers 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 #1
USE THE CLUES TO ELIMINATE NUMBERS.

Clue #1: I am greater than 1,000 but less than 3,000.

Clue #2:. I am an even number.

Clue #3: The digit in my hundreds place is the double of 3.

Clue #4: The value of the digit in my ones place is half of 8.

Clue #5: The sum of my digits is 1

Use the X to eliminate the numbers.

1,591	2,604
2,644	2,593

©Shelley Gray www.ShelleyGrayTeaching.com

MYSTERY NUMBER #2
USE THE CLUES TO ELIMINATE NUMBERS.

Clue #1: The value of my hundreds place is less than 600.

Clue #2: The digit in my tens place is less than the digit in my ones place.

Clue #3: I am not an odd number.

Clue #4: The digit in my ones place is equal to 4 groups of 2.

Clue #5: I can be roun

Use the X to eliminate the numbers.

3,692	4,1
6,304	5,7

©Shelley Gray www.ShelleyGrayTeach

MYSTERY NUMBER #3
USE THE CLUES TO ELIMINATE NUMBERS.

Clue #1: You will find me between the double of 2,000 and the double of 4,000.

Clue #2: Three of my digits are even and one digit is odd.

Clue #3: The digit in my tens place is less than the digit in my hundreds place.

Clue #4: I am closer to 5,000 than I am to 7,000.

Clue #5: The sum of my digits is 1 less than 20.

Use the X to eliminate the numbers.

The mystery number is:

1,929	5,533	2,117	4,861	6,759
6,894	8,951	7,426	4,377	5,424

©Shelley Gray www.ShelleyGrayTeaching.com

thank you for your interest!

www.ShelleyGrayTeaching.com