Esti-Mysteries Full Clue Set

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Access the downloadable Esti-Mysteries with images here.

Esti-Mystery 1

Clue #1	The answer is a number less than 50.
Clue #2	The answer is an odd number.
Clue #3	The answer is a multiple of 3. For example: 3, 6, 9, 12, …
Clue #4	The answer includes 2 different digits.
Clue #5	Neither of the digits is a 2 or a 4.

Esti-Mystery 2

Clue #1	The answer is a number less than 100.
Clue #2	The answer is an even number.
Clue #3	The answer is not a multiple of 10.
Clue #4	The answer does not include any of these digits: 2, 4, or 6.

Esti-Mystery 3 (This picture includes 2 partially filled vases.)

Clue #1 — The combined number of the objects in the two vases is less than 100.

Clue #2 — One of the vases is holding exactly twice as many objects as the other vase.

Clue #3 — The sum (of the numbers in the 2 vases) is an even number.

Clue #4 — The 2 numbers are made of 4 unique digits. When you look at the 2 numbers you will see 4 different digits.

Clue #5 — The digit 5 is not included in either number.

Esti-Mystery 4

Clue #1 — The number is between 30 and 75.

Clue #2 — The answer is an odd number.

Clue #3 — Look carefully at the die. You can see three numbers. None of those numbers is a digit in the answer.

Clue #4 — Look at the die again. The sum of the numbers that can be seen is not a digit in the answer.

Esti-Mystery 5

Clue #1 — The answer is a 2-digit number.

Clue #2 — The answer is an odd number.

Clue #3 — If there were 3 more beads, the number would be a multiple of 10.

10, 20, 30, …

Clue #4 — The number of beads is divisible by 3. 3, 6, 9, …

Esti-Mystery 6

Clue #1	The number is less than 125.
Clue #2	Add the numbers that can be seen on the die. The answer is a multiple of that number.
Clue #3	The answer is not a multiple of 3.
Clue #4	The answer is an even number.
Clue #5	The answer is not a multiple of 8.

Esti-Mystery 7 "The Dice Jam"

Clue #1	Only one of the two digits from the answer can be seen on the face of a die.
Clue #2	The answer is an odd number.
Clue #3	Look at the yellow die. None of those numbers is a digit in the answer.
Clue #4	Find the red die with 2 visible faces. Find the sum of those two faces. That sum is not a digit found in the answer.

Esti-Mystery 8 "Bright Beads"

Clue #1	The answer is an odd number.
Clue #2	You could make this many cents using only nickels.
Clue #3	You could not make this many cents using only dimes.
Clue #4	The answer is two less than a prime number.

Esti-Mystery 9 "Cupside Down"

Clue #1	The answer is an odd number.
Clue #2	Look at the visible faces on the die. What do you see? Those 3 digits are not in the answer.
Clue #3	Add the visible numbers on the die. The sum is not a digit in the answer.
Clue #4	The answer does not include the digit 6.
Clue #5	Look at the die again. The visible numbers are part of a counting sequence – except one number is missing. That missing number represents a digit that is in the answer.

Esti-Mystery 10 "Yellow Yarn"

Clue #1	The answer is between 45 and 125.
Clue #2	Look carefully at the cm side of the ruler. The yarn is touching a pattern of numbers – except it missed a number in that pattern. The answer is a multiple of the missing number.
Clue #3	The answer is not a multiple of 10.
Clue #4	The answer does not include the digit 4.

The Smaller Numbers Request

Clue #1	Count by 2's from 2 to 30. The answer is one of those numbers.
Clue #2	The answer is greater than 10.
Clue #3	The answer is less than 30.
Clue #4	One of the digits is a 4.
Clue #5	There are now two possibilities. Which one do you think it is?

Sinker? from the Smaller Numbers Series

Clue #1   The answer is between 1 and 40.

Clue #2   Cross of the numbers that are part of this pattern: 2, 4, 6, …

Clue #3   Cross of the numbers that are part of this pattern: 3, 6, 9, …

Clue #4   Cross off the numbers that are part of this pattern: 5, 10, 15, …

Clue #5   One of the objects sank. It has 3 colors. The answer does not include the digit 3.

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