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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