Residuos minimos

Fincuentre los residuos mínimos módulo 10 de los siguientes numeros:
17, 50, 6, -1, -38

~ Clases residuales modulo 10

$$\begin{bmatrix} 0 \end{bmatrix}_{10} = \{ \dots -40, +30, -20, -40, 0, 40, 20, 30, 40, 60 \dots \}$$

$$\begin{bmatrix} 1 \end{bmatrix}_{10} = \{ \dots -39, -29, -19, -9, 1, 14, 24, 31, 44, 51 \dots \}$$

$$\begin{bmatrix} 2 \end{bmatrix}_{10} = \{ \dots -38, -28, -18, -8, 2, 12, 22, 32, 42, 52 \dots \}$$

$$\begin{bmatrix} 3 \end{bmatrix}_{10} = \{ \dots -37, -27, -17, -7, 3, 13, 23, 33, 43, 53 \dots \}$$

$$\begin{bmatrix} 4 \end{bmatrix}_{10} = \{ \dots -36, -26, -16, -6, 4, 14, 24, 34, 44, 54 \dots \}$$

$$\begin{bmatrix} 6 \end{bmatrix}_{10} = \{ \dots -34, -24, -14, -4, 6, 16, 26, 36, 46, 56 \dots \}$$

$$\begin{bmatrix} 1 \end{bmatrix}_{10} = \{ \dots -33, -23, -13, -3, 7, 17, 27, 37, 47, 57 \dots \}$$

$$\begin{bmatrix} 6 \end{bmatrix}_{10} = \{ \dots -33, -23, -13, -3, 7, 17, 27, 37, 47, 57 \dots \}$$

$$\begin{bmatrix} 1 \end{bmatrix}_{10} = \{ \dots -32, -22, -42, -2, 8, 48, 28, 38, 48, 58 \dots \}$$

$$\begin{bmatrix} 1 \end{bmatrix}_{10} = \{ \dots -31, -21, -41, (1), 9, 49, 29, 39, 49, 59 \dots \}$$

17 = 7 (mod 10) porque 17 = 10.1+ (₱) → 0 = 7 < 10

y 7 = 0.10 + (₱)

50 = 0 (mod 10) porque 50 = 10.5 + 0 → 0 < 0 < 10

y 0 = 0.10 + 0

 $6 = 6 \pmod{10}$ porque $6 = 10.0 + 6 \rightarrow 0 \le 6 < 10$ y = 6 = 0.10 + 6 $-1 \equiv 9 \pmod{10}$ porque $-1 = 10.-1 + 9 \rightarrow 0 \leq 9 < 10$ y = 0.10 + 9 $-38 \equiv 2 \pmod{10}$ porque $-38 = 10.-4 + 2 \rightarrow 0 \leq 2 < 10$ y = 0.10 + 2

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~ clases residuales modulo 3
[0]_3 = \{...-12, -9, -6, -3, 0, @, 6, @, 12, 15...\}
[1]3 - {... -11, -8, -5, (2), 1, 4, 7, 10, 13, 16 ...}
[2] - { ... (10), -7, -4, -1, 2, 5, 8, 11, 14, (13) ... 3
17 = 2 c mod 3) porque 17 = 3.5 +2 → 0 = 2 < 3
                           y 2 = 0.3 +(2)
9 = 0 c mod 3) porque 9 = 3.3 + 0 - 0 < 0 < 3
                          J 0 = 0.3 + (6)
-2 = 1 c mod 3) porque -2 = 3.-1+(1) -0 ≤ 1 < 3
                           f = 0.3 + 1
-10 = 2 C mod 3) porque -10 = 3.-4 +2 → 0 < 2 < 3
                          y 2 = 0.3 +(2)
3 = 0 Cmod 3) porque 3 = 3.1 +(0) - 0 ≤ 0 < 3
                             0 = 0.3 +0
                           7
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