

Semana 7:

Instrucciones: Convierta a base diez las cantidades siguientes.

$$\textcircled{1} 1334_5 = ?$$

$$1334_5 = (1 \times 5^3) + (3 \times 5^2) + (3 \times 5^1) + (4 \times 5^0) \\ = 125 + 75 + 15 + 4 = \underline{219} //$$

$$\textcircled{2} 201_6 = ?$$

$$201_6 = (2 \times 6^2) + (0 \times 6^1) + (1 \times 6^0) = \\ 72 + 0 + 1 = \underline{73} //$$

$$\textcircled{3} 344_9 = ?$$

$$344_9 = (3 \times 9^2) + (4 \times 9^1) + (4 \times 9^0) = 243 + \\ 36 + 4 = \underline{283} //$$

$$\textcircled{4} 1021_8 = ?$$

$$1021_8 = (1 \times 8^3) + (0 \times 8^2) + (2 \times 8^1) + (1 \times 8^0) = \\ 512 + 0 + 16 + 1 = \underline{529} //$$

$$\textcircled{5} 244_5 = ?$$

$$244_5 = (2 \times 5^2) + (4 \times 5^1) + (4 \times 5^0) = \\ 50 + 20 + 4 = \underline{74} //$$

$$\textcircled{6} \quad 110_8 = ?_{10}$$

$$110_8 = (1 \times 8^2) + (1 \times 8^1) + (0 \times 8^0) =$$

$$64 + 8 + 0 = \underline{72} //$$

$$\textcircled{7} \quad 112_3 = ?_{10}$$

$$112_3 = (1 \times 3^2) + (1 \times 3^1) + (2 \times 3^0) =$$

$$9 + 3 + 2 = \underline{14} //$$

$$\textcircled{8} \quad 330_4 = ?_{10}$$

$$330_4 = (3 \times 4^2) + (3 \times 4^1) + (0 \times 4^0) =$$

$$48 + 12 + 0 = \underline{60} //$$