

Hojas de Respuestas: Gabriel Andrés Sánchez

$$\begin{array}{r} 1 \ 3 \ 9 \ 5 \ 0 \ | \ 3 \\ 0 \ 9 \quad \quad 1316 \\ \quad 0 \ 5 \\ \quad \quad 2 \ 0 \\ \quad \quad \quad (2) \times \end{array}$$

$$\begin{array}{r} 3 \ 9 \ 5 \ 0 \ | \ 2 \\ 1 \ 9 \quad \quad 1975 \\ \quad 1 \ 5 \\ \quad \quad 2 \ 0 \\ \quad \quad \quad (0) \checkmark \end{array}$$

$$\begin{array}{r} 3 \ 9 \ 5 \ 0 \ | \ 4 \\ 3 \ 5 \quad \quad 0987 \\ \quad 3 \ 0 \\ \quad \quad (2) \times \end{array}$$

$$\begin{array}{r} 3 \ 9 \ 5 \ 0 \ | \ 5 \\ 4 \ 5 \quad \quad 0790 \\ \quad 0 \ 0 \\ \quad \quad (0) \checkmark \end{array}$$

$$\begin{array}{r} 8 \ 2 \ 3 \ 5 \ | \ 2 \\ 0 \ 2 \quad \quad 4117 \\ \quad 0 \ 3 \\ \quad \quad 1 \ 5 \\ \quad \quad \quad (2) \times \end{array}$$

$$\begin{array}{r} 8 \ 2 \ 3 \ 5 \ | \ 3 \\ 2 \ 2 \quad \quad 2745 \\ \quad 1 \ 3 \\ \quad \quad 1 \ 5 \\ \quad \quad \quad (0) \checkmark \end{array}$$

$$\begin{array}{r} 8 \ 2 \ 3 \ 5 \ | \ 4 \\ 0 \ 2 \ 3 \quad \quad 2058 \\ \quad 3 \ 5 \\ \quad \quad (3) \times \end{array}$$

$$\begin{array}{r} 8 \ 2 \ 3 \ 5 \ | \ 5 \\ 3 \ 2 \quad \quad \quad \\ \quad 2 \ 3 \\ \quad \quad 3 \ 5 \\ \quad \quad \quad (0) \checkmark \end{array}$$

$$\begin{array}{r} 6 \ 8 \ 4 \ 0 \ | \ 2 \\ 0 \ 8 \quad \quad 342 \\ \quad 0 \ 4 \\ \quad \quad (00) \checkmark \end{array}$$

$$\begin{array}{r} 6 \ 8 \ 4 \ 0 \ | \ 3 \\ 0 \ 8 \quad \quad 2280 \\ \quad 2 \ 4 \\ \quad \quad (00) \checkmark \end{array}$$

$$\begin{array}{r} 6 \ 8 \ 4 \ 0 \ | \ 4 \\ 2 \ 8 \quad \quad 1710 \\ \quad 0 \ 4 \\ \quad \quad (00) \checkmark \end{array}$$

$$\begin{array}{r} 6 \ 8 \ 4 \ 0 \ | \ 5 \\ 1 \ 8 \quad \quad 1368 \\ \quad 3 \ 4 \\ \quad \quad (00) \checkmark \end{array}$$

$$\begin{array}{r} 9 \ 4 \ 2 \ 4 \ | \ 2 \\ 1 \ 4 \quad \quad 4772 \\ \quad 0 \ 2 \\ \quad \quad 0 \ 4 \\ \quad \quad \quad (0) \checkmark \end{array}$$

$$\begin{array}{r} 9 \ 4 \ 2 \ 4 \ | \ 3 \\ 1 \ 4 \quad \quad 3474 \\ \quad 2 \ 2 \\ \quad \quad 1 \ 4 \\ \quad \quad \quad (2) \times \end{array}$$

$$\begin{array}{r} 9 \ 4 \ 2 \ 4 \ | \ 4 \\ 1 \ 4 \quad \quad 2356 \\ \quad 2 \ 2 \\ \quad \quad 2 \ 4 \\ \quad \quad \quad (0) \times \end{array}$$

$$\begin{array}{r} 9 \ 4 \ 2 \ 4 \ | \ 5 \\ 4 \ 4 \quad \quad 1884 \\ \quad 4 \ 2 \\ \quad \quad 2 \ 4 \\ \quad \quad \quad (4) \times \end{array}$$

2 (H.C.M.)

24		2
12		2
6		2
3		3
1		

42		2
21		3
7		7
1		

$$R = 2^4 \times 3 \times 7 = 168$$

2. $x =$

$$3 \cdot 150 \cdot 2/5 = 60$$

$$150 - 60 = 90$$

$$A \frac{3}{9} + \frac{2}{9} = \frac{5}{9}$$

$$5 \left(\frac{1}{4} + \frac{3}{4} + \frac{2}{4} \right) - \left(\frac{2}{3} - \frac{2}{4} \right)$$

$$\frac{6}{4} - \frac{8 - 6 - 2}{12}$$

$$\frac{6}{4} - \frac{2}{12} = \frac{72 - 8}{48} = \frac{64}{48} = \frac{32}{24} = \frac{16}{12} = \frac{8}{6} = \frac{4}{3}$$

6



$$7 \frac{8}{9} - \frac{3}{8} = \frac{72 - 27}{81} = \frac{45}{81} = \frac{15}{27} = \frac{5}{9}$$

$$8 D_{36} [1, 2, 3, 4, 6, 8, 9, 12, 18, 36]$$

$$D_{24} [1, 2, 3, 4, 6, 8, 12]$$

$$D_{48} [1, 2, 3, 4, 6, 8, 12, 16, 24]$$

El m.c.d. de 36, 24 y 48 es 12

$$9 D_{12} [1, 2, 3, 4, 6, 12]$$

$$D_{18} [1, 2, 3, 6, 9, 18]$$

$$D_{24} [1, 2, 3, 4, 6, 8, 12, 24]$$

El m.c.d. de 12, 18 y 24 es 6

$$10 \frac{6}{9} + \frac{8}{9} = \frac{14}{9}$$

$$11 M_{24} [0, 24, 48, 72, 96, 120, 144, 168, \dots]$$

$$M_{48} [0, 48, 96, 144, 192, 240, \dots]$$

$$M_{72} [0, 72, 144, 216, \dots]$$

El m.c.m. entre 24, 48 y 72 es 144