$$\left|\begin{array}{l} \frac{2}{3}x-\frac{1}{2}y=-3 \\ -\frac{1}{12}x-\frac{1}{28}y=-1 \end{array}\right| \begin{array}{l} \cdot 6 \\ \cdot 84 \end{array}$$

$kgV(2;3)=6$

$kgV(12;28)=84$

$$\left|\begin{array}{l} 4x-3y=-18 \\ -7x-3y=-84 \end{array}\right| \cdot(-1)$$

$$\left|\begin{array}{l} 4x-3y=-18 \\ 7x+3y=84 \end{array}\right| \oplus$$

$11x=66 \quad |:11$

$x=6$

$-7\cdot 6-3y=-84 \quad |+42$

$-3y=-42 \quad |:(-3)$

$y=14$

$$\frac{2}{3} \cdot 6 = \frac{2}{\cancel{3}_{1}} \cdot \frac{\cancel{6}^{2}}{1} = 4$$

$$\frac{1}{12} \cdot 84 = \frac{1}{\cancel{12}_{1}} \cdot \frac{\cancel{84}^{7}}{1} = 7$$

$$\frac{1}{28} \cdot 84 = \frac{1}{\cancel{28}_{\cancel{14}_{\cancel{7}_{1}}}} \cdot \frac{\cancel{84}^{\cancel{42}^{\cancel{21}^{3}}}}{1} = 3$$

$kgV(12;28)$

$12 = 2 \cdot 2 \cdot 3$

$28 = 2 \cdot 2 \cdot 7$

$kgV = 2 \cdot 2 \cdot 3 \cdot 7 = 84$

$12 = 2 \cdot 2 \cdot 3$

$28 = 2 \cdot 2 \cdot 7$

$ggT = 2 \cdot 2 = 4$

$144 = 2 \cdot 2 \cdot 2 \cdot 2 \cdot 3 \cdot 3$

$156 = 2 \cdot 2 \cdot 3 \cdot 13$

$kgV = 2 \cdot 2 \cdot 2 \cdot 2 \cdot 3 \cdot 3 \cdot 13 = 1872$