1. If in the equation $x+2y=10$, the value of y is 4, what is the value of x?

2. If in the equation $2x+y=15$, the value of x is $y+1$, what is the value of y?

3. Substitute the value of x ($x=y+2$) in the following equation, and find the value of y: $x+3y+2x=42$.

4. If $x=2y+1$, what is the value of y in the following equation: $4x+3y=26$?

5. Find the value of x and of y from the two equations $x=y+2$; $3x-2y=12$.

Find by substitution the values of x and y in:

6. $\begin{cases} x+1=y. \\ 3x-2y=7. \end{cases}$

7. $\begin{cases} x+y=11. \\ 2x-y=4. \end{cases}$

8. $\begin{cases} x+2y=14. \\ 3x-2y=18. \end{cases}$

9. $\begin{cases} 2x+3y=6. \\ x+4y=14. \end{cases}$

10. $\begin{cases} 2x+4y=30. \\ 3x-2y=21. \end{cases}$

11. $\begin{cases} 2x+2y=40. \\ 3x-y=12. \end{cases}$

12. $\begin{cases} 3x+6y=33. \\ 4x-8y=12. \end{cases}$

13. $\begin{cases} 2x+3y=54. \\ 4x-2y=28. \end{cases}$

14. $\begin{cases} 2x-y=12. \\ 5x-4y=3. \end{cases}$

15. $\begin{cases} \frac{x}{3}+\frac{x}{5}=x-16. \\ \frac{3y-10}{5}=\frac{x}{3}. \end{cases}$

16. $\begin{cases} 3x+5y=x-2\frac{1}{2}. \\ \frac{x}{3}-\frac{y}{2}=\frac{x-1}{4}+1. \end{cases}$

17. $\begin{cases} \frac{9x}{6}+y=25. \\ \frac{7x-2y}{5}=\frac{x}{3}. \end{cases}$

18. $\begin{cases} \frac{2x+y+4}{8}=\frac{y}{2}. \\ \frac{x}{7}+\frac{3x}{10}=\frac{x-8}{2}. \end{cases}$

19. $\begin{cases} \frac{x}{y}-8=6. \\ \frac{x+y}{9}=5. \end{cases}$

20. $\begin{cases} \frac{2x+y+3}{3}=13\frac{1}{3}. \\ \frac{y-x-9}{4}=2\frac{1}{2}. \end{cases}$

21. Given $2u-x+3y-z=7$; $3u+2x-2y+3z=53$; $4z-3x=12$; $4y-\frac{u}{2}=13$, to find the values of u, x, y, and z.

22. Given $\frac{u+6}{8}+y-\frac{z}{2}=12$; $3x+2z-u-\frac{y}{4}=15$; $4z+u-3y=6$; $\frac{2y}{6}+\frac{x}{2}-\frac{u}{6}=5$, to find the values of u, x, y, and z.