

Section 2

Solve each equation below.

16. $|x-2|=14$

17. $x^2+6x-7=0$

Solve the equation below using the quadratic formula.

18. $x^2+x-3=0$

Solve the system of equations below.

19.
$$\begin{cases} x+y=19 \\ 5x-y=23 \end{cases}$$

20.
$$\begin{cases} 4x+3y=18 \\ x+y=3 \end{cases}$$

Solve the inequality below.

21. $-7x+5 < -4x-13$

22. $\frac{3(x+7)}{5} > 2x$

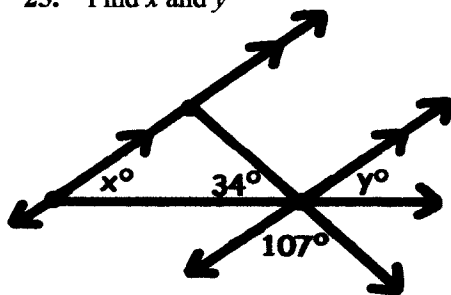
Answer each question below.

23. Solve for n in the equation $bn = n + a$.

24. Simplify the expression $\frac{x^2-y^2}{x^2-2xy+y^2}$.

Find the missing quantities in each picture below. Make sure to fully simplify your answers.

25. Find x and y



26. Find x

