

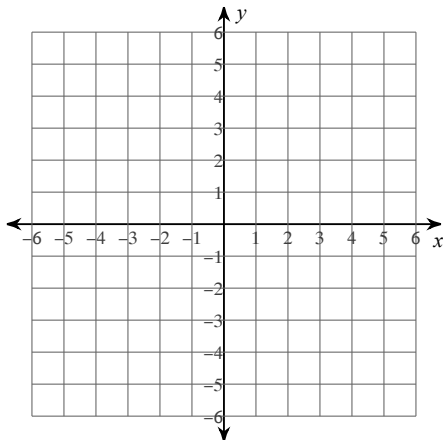
Solve each equation.

1) $-5(1 + x) = 2x - 19$

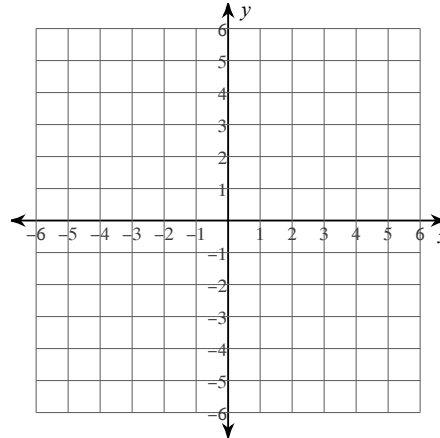
2) $\frac{10 + n}{14} = 2$

Sketch the graph of each line.

3) $y = -\frac{3}{2}x + 2$

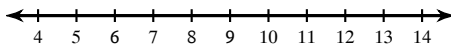


4) $y = x - 2$

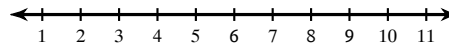


Solve each inequality and graph its solution.

5) $3 + \frac{m}{3} \leq 5$



6) $4 - 3r > -5$



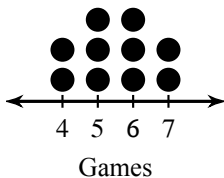
Write the equation of the line through the given points.

7) through: $(-4, 5)$ and $(5, -3)$

8) through: $(5, -2)$ and $(4, 3)$

Find the mode, median, mean, and sample standard deviation for each data set.

9) Games per World Series



10) Minutes to Run 5km

29.9	28.2	47.3	29	48.3
31.7	39.1	26.4	26.4	41.7
36.1				

Find the distance between each pair of points.

11) $(-6, 7)$, $(-2, 4)$

12) $(-6, 1)$, $(-8, -6)$

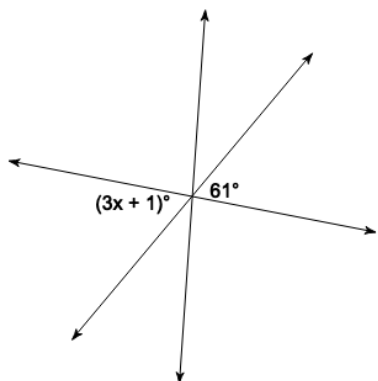
Solve each system by substitution.

13) $8x - 3y = 9$
 $y = 5$

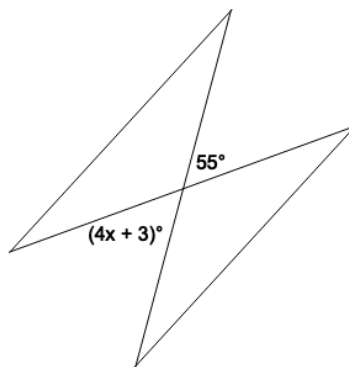
14) $x + 5y = 4$
 $5x + 8y = -14$

Find the value of x .

15)

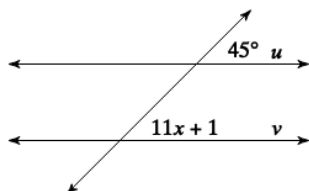


16)

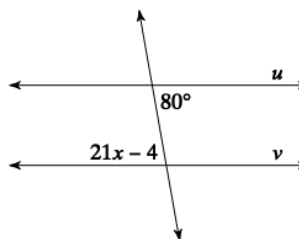


Find the value of x that makes lines u and v parallel.

17)

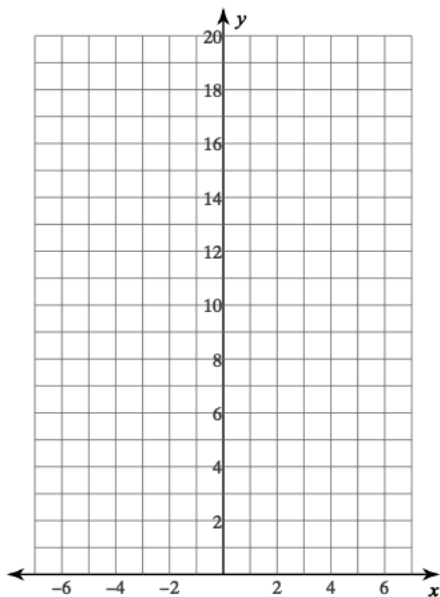


18)



Sketch the graph of each function.

19) $y = \frac{1}{2} \cdot 6^x$



20) $y = 5 \cdot \left(\frac{1}{2}\right)^x$

