

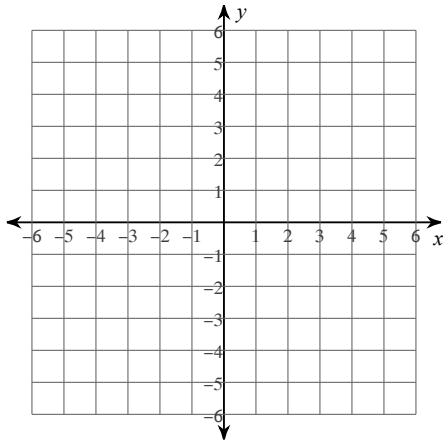
Solve each equation.

1) $4(2 - k) = -5k + 3$

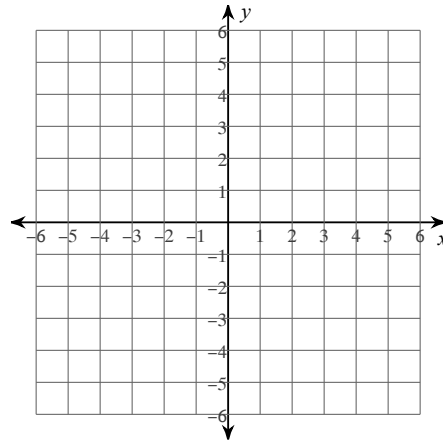
2) $\frac{k}{6} + 6 = 5$

Sketch the graph of each line.

3) $y = \frac{4}{5}x$

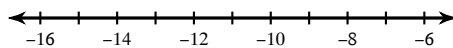


4) $y = -\frac{7}{4}x - 4$

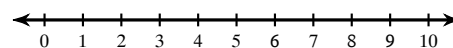


Solve each inequality and graph its solution.

5) $\frac{x}{3} - 2 \geq -5$



6) $4(x - 5) > 4$



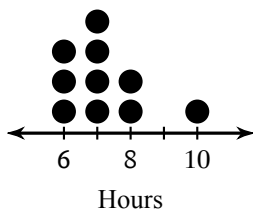
Write the equation of the line through the given points.

7) through: (0, 4) and (2, 1)

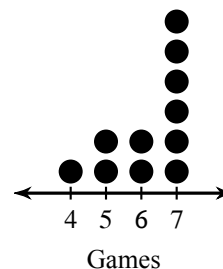
8) through: (2, -5) and (-5, -1)

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

9) Hours Slept



10) Games per World Series



Find the distance between each pair of points.

11) (5, -8), (8, -6)

12) (7, 1), (6, -4)

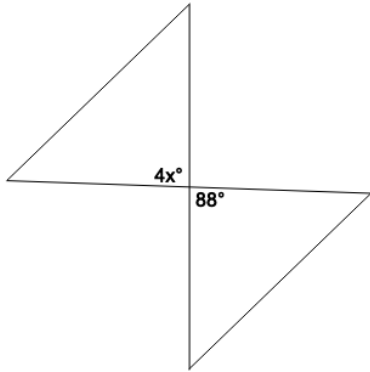
Solve each system or equations.

13) $y = -8x + 15$
 $5x - y = -2$

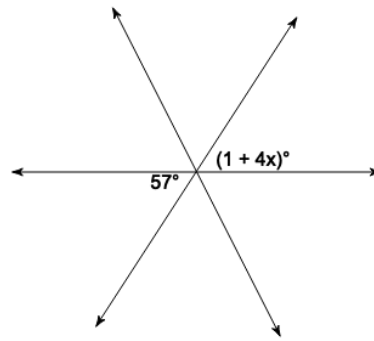
14) $-x + 4y = -19$
 $-x + y = -4$

Find the value of x .

15)

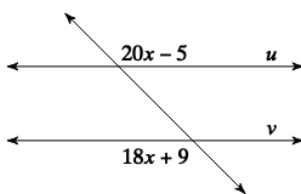


16)

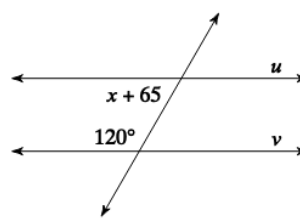


Find the value of x that makes lines u and v parallel.

17)

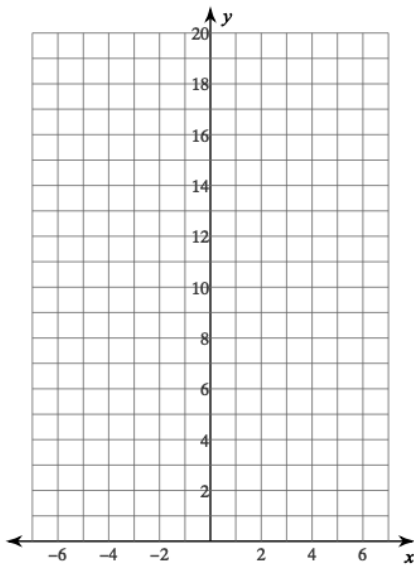


18)



Sketch the graph of each function.

19) $y = 2 \cdot 3^x$



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

