

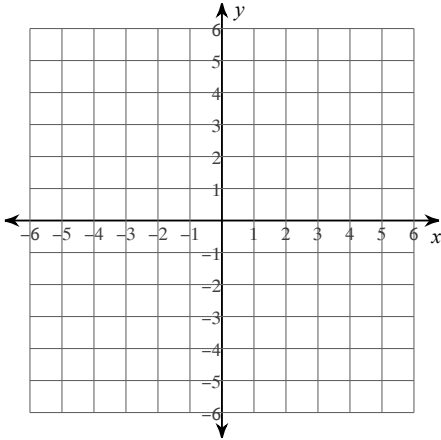
Solve each equation.

1) $\frac{r}{15} - 5 = -6$

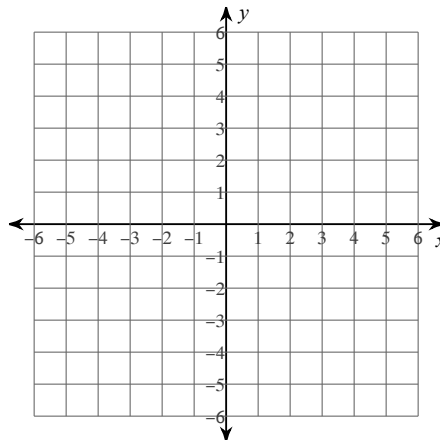
2) $4(7 - 7x) = 224$

Sketch the graph of each line.

3) $y = 2x + 3$

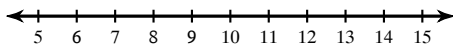


4) $y = -\frac{3}{2}x - 2$

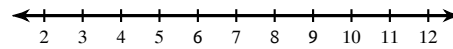


Solve each inequality and graph its solution.

5) $\frac{v + 1}{2} > 7$



6) $-1 + \frac{r}{4} \leq 1$



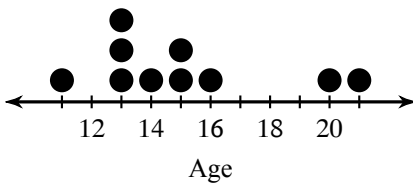
Write the equation of the line through the given points.

7) through: $(0, -3)$ and $(-2, -2)$

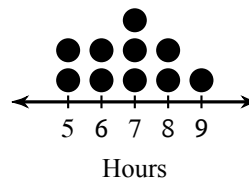
8) through: $(-2, 5)$ and $(-3, -2)$

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

9) Age at First Job



10) Hours Slept



Find the distance between each pair of points.

11) $(2, -6)$, $(4, 1)$

12) $(2, 2)$, $(3, 5)$

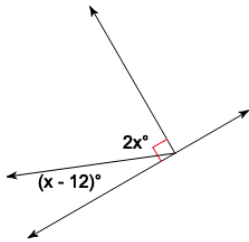
Solve each system.

13) $2x - y = -8$
 $y = x + 7$

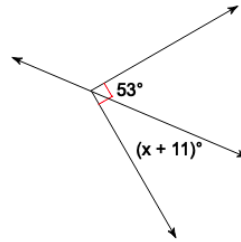
14) $-5x - y = 29$
 $5x + 9y = 19$

Find the value of x .

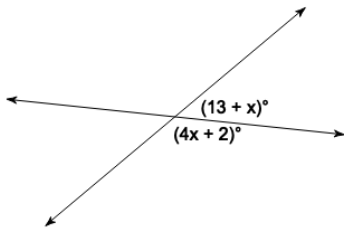
15)



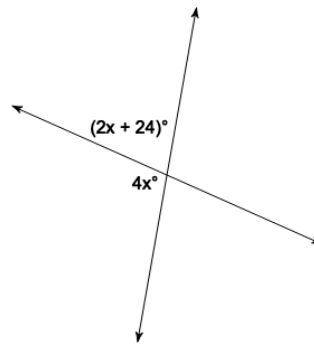
16)



17)

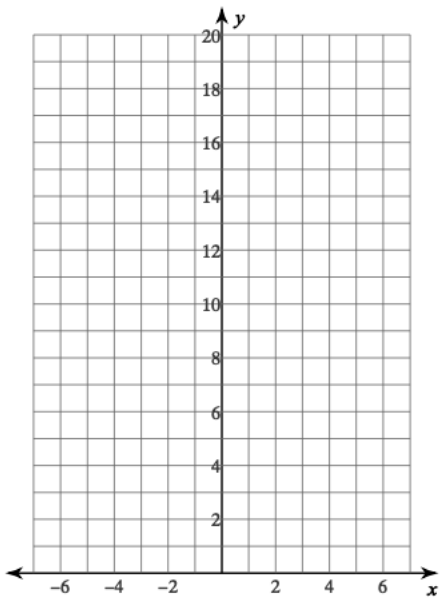


18)



Sketch the graph of each function.

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



20) $y = 4 \cdot \left(\frac{1}{2}\right)^x$

