

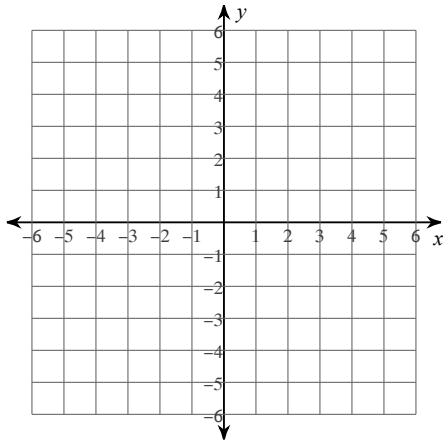
Solve each equation.

1) $5(2 + 2x) = -17 + x$

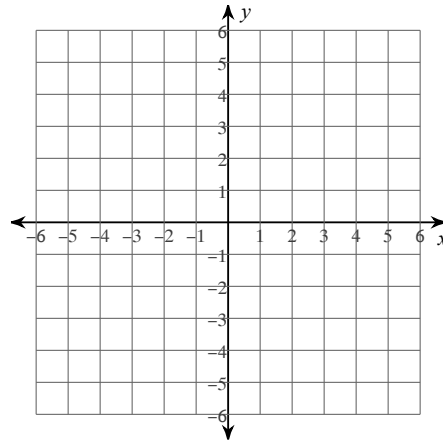
2) $-11 = -6 + \frac{x}{3}$

Sketch the graph of each line.

3) $y = -\frac{1}{3}x + 4$

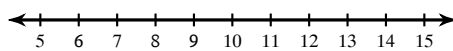


4) $y = \frac{5}{4}x$

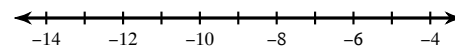


Solve each inequality and graph its solution.

5) $-5(4 + n) < -70$



6) $\frac{p}{2} + 4 \leq -1$



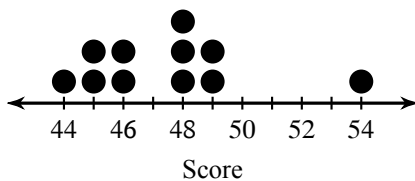
Write the equation of the line through the given points.

7) through: $(0, 5)$ and $(-4, 3)$

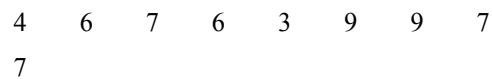
8) through: $(-2, -5)$ and $(-1, 4)$

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

9) Test Scores



10) Goals in a Hockey Game



Find the distance between each pair of points.

11) $(1, 2)$, $(3, -5)$

12) $(-6, 2)$, $(2, -4)$

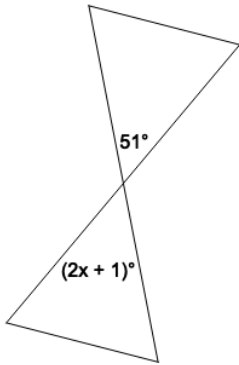
Solve each system or equations.

13) $6x - y = -18$
 $y = -4x - 2$

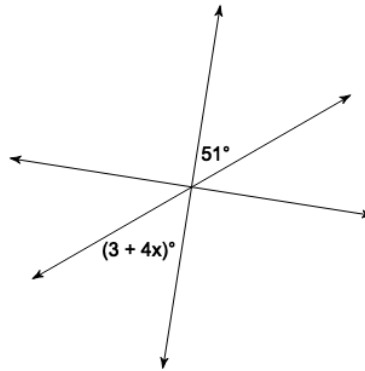
14) $x - 2y = -9$
 $-5x + 2y = -3$

Find the value of x .

15)

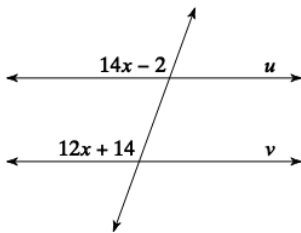


16)

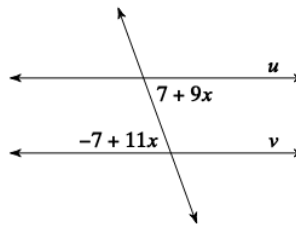


Find the value of x that makes lines u and v parallel.

17)

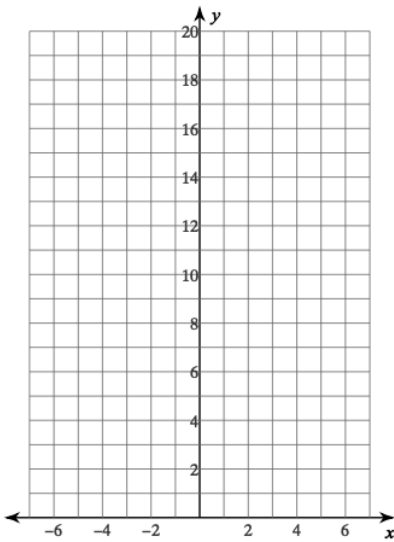


18)



Sketch the graph of each function.

19) $y = 5 \cdot 2^x$



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

