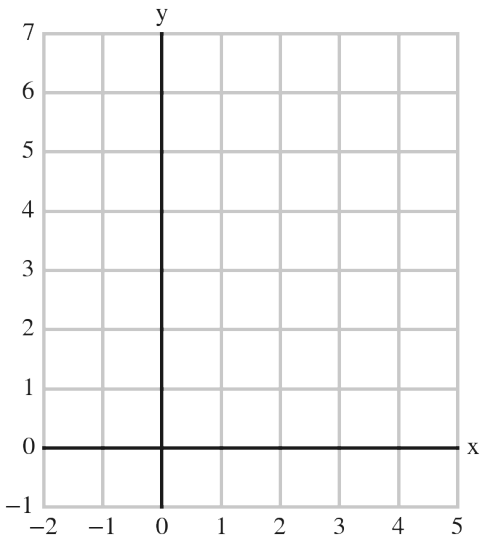
Solving Systems by Graphing

Independent Set 11.07

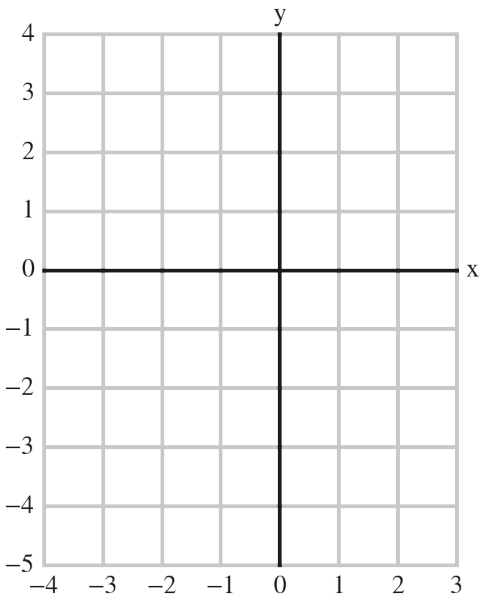
Name_____
Date_____
Period_____

Six questions, on your own, in silence. Show the step that does the work.

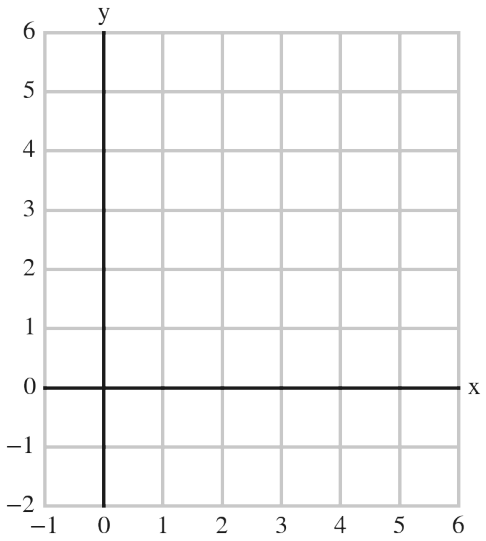
1. Solve by graphing: $y = x + 3$ and $y = -2x + 6$



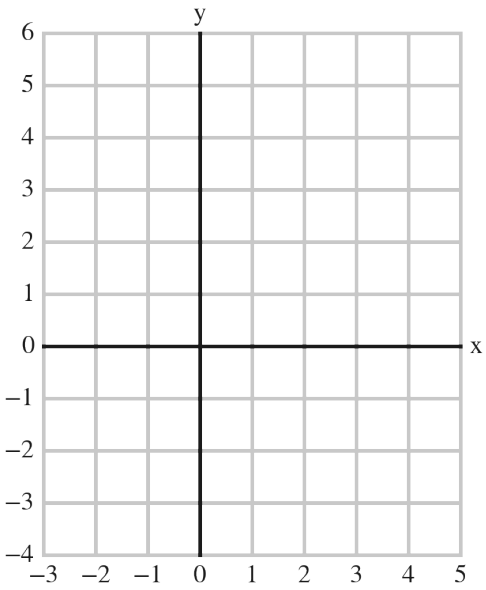
2. Solve by graphing: $y = x - 1$ and $y = -2x - 4$. Use $x = -2$, -1 and 0.



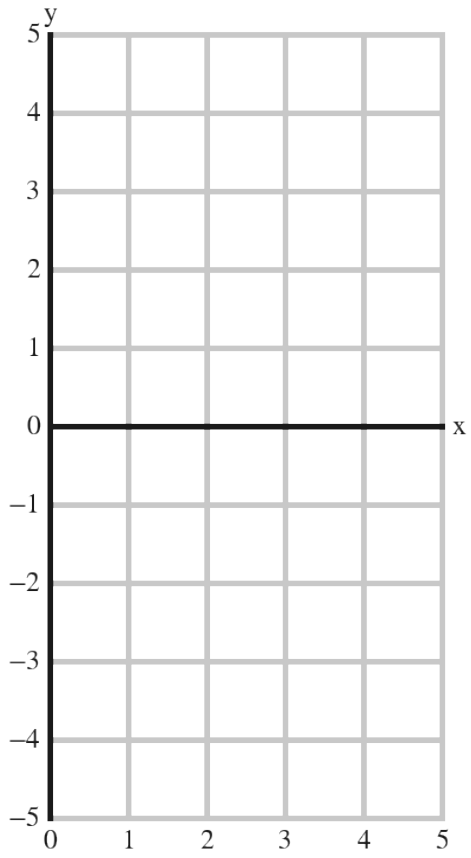
3. Solve by graphing: $y = \frac{1}{2}x - 1$ and $y = -x + 5$



4. Solve by graphing: $y = -x + 4$ and $y = -x - 1$



5. Solve by graphing: $y = 2x - 5$ and $y = -5 + 2x$



6. The tables are for $y = 4x - 6$ and $y = x + 3$. What is the solution of the system?

y = 4x – 6

x	0	1	2	3	4
y	–6	–2	2	6	10

y = x + 3

x	0	1	2	3	4
y	3	4	5	6	7