

Write the equation of the line that satisfies the given conditions.

1.

x	-2	0	2	4
y	12	8	4	0

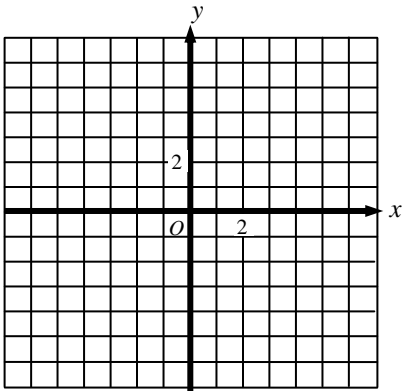
2.

x	-4	-1	2	5
y	-10	-4	2	8

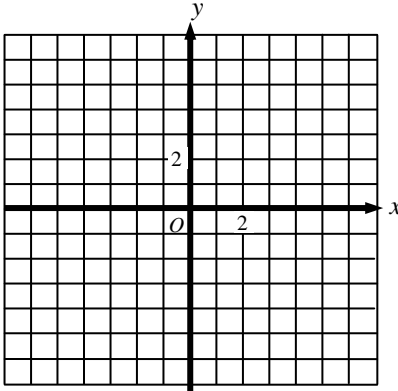
3. The slope of the line is $\frac{4}{5}$ and it passes through the point $(-10, 2)$.

Graph each equation.

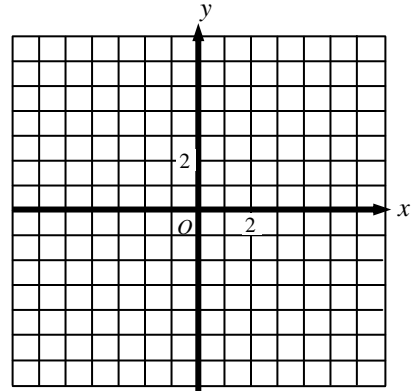
4. $2x - y = 3$



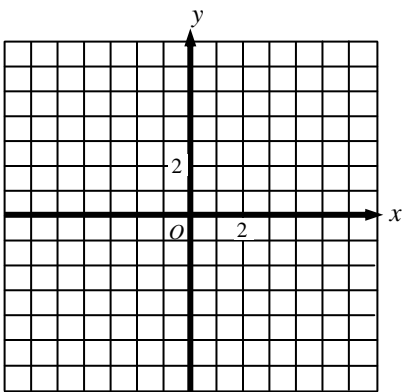
5. $y = \frac{1}{2}x - 4$



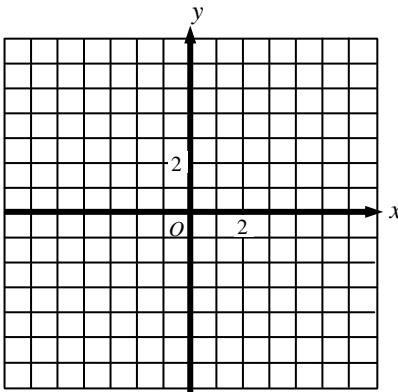
6. $4x + y = 0$



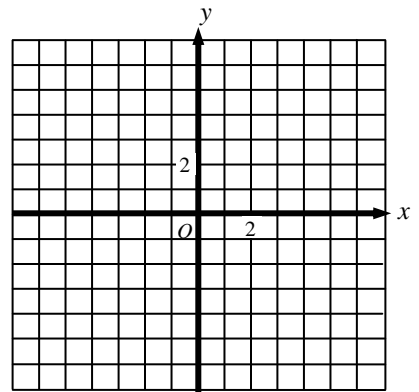
7. $y = 4$



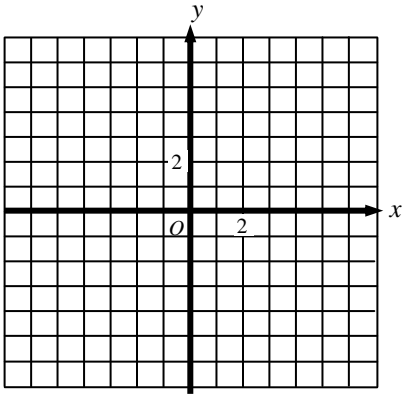
8. $y = -\frac{2}{3}x + 5$



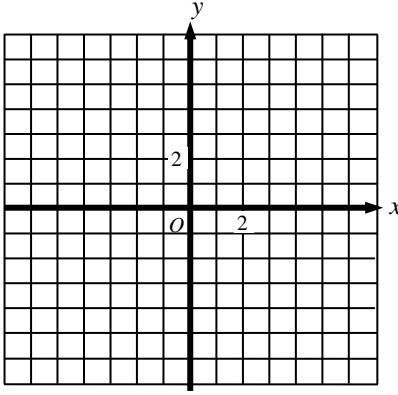
9. $y = x$



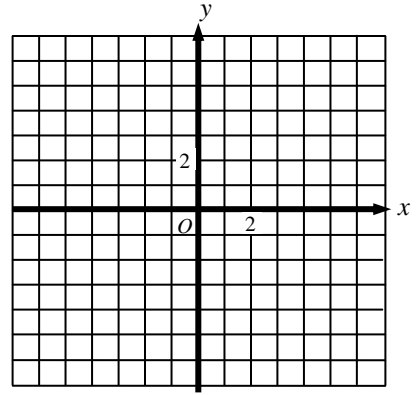
10. $x + y = 4$



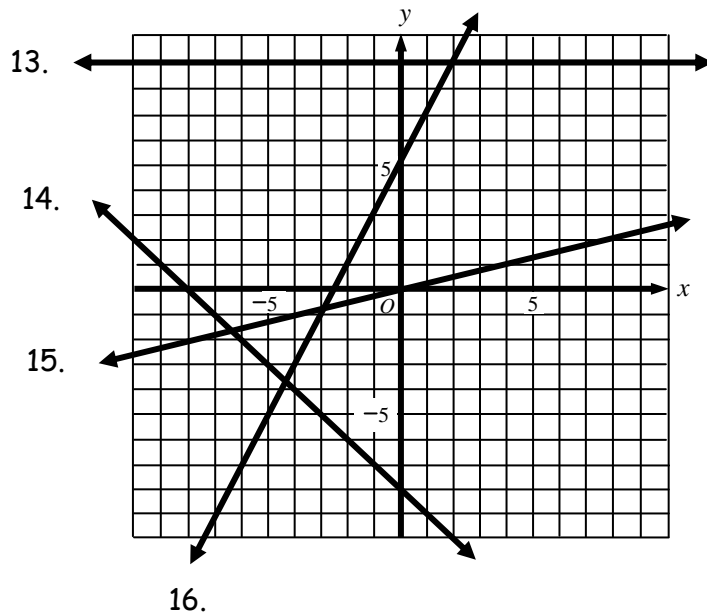
11. $y = -5 + \frac{1}{4}x$



12. $y = -6$



Write an equation for each of the five lines shown on the graph below.



13. _____

14. _____

15. _____

16. _____