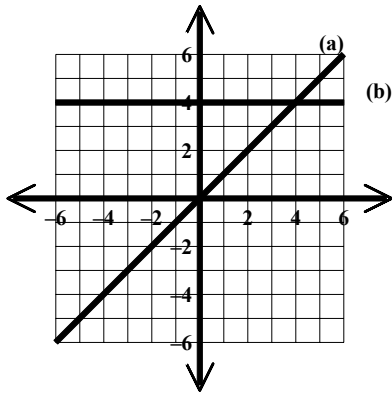
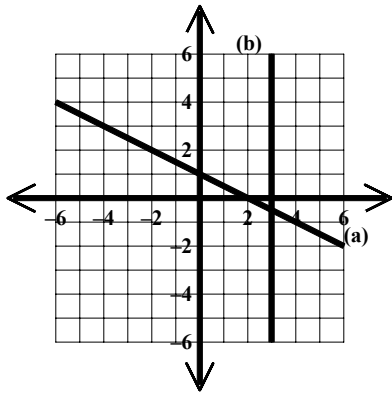


1. Find three consecutive odd integers such that five times the sum of the first and second is 7 less than 9 times the third.
2. Find four consecutive even integers such that 2 times the sum of the first and second is 2 more than 3 times the fourth.
3. If $\frac{2}{3}$ of the booklets had been sold and there were 60 booklets left, how many booklets were printed?
4. Only $\frac{1}{9}$ of the university students were seniors. If 5680 were not seniors, how many university students were there?
5. Find three consecutive odd integers such that the sum of the first and third equals the sum of the second and 45.
6. Find four consecutive even integers such that if the sum of the first and third is multiplied by 4 the result is 4 less than 7 times the fourth.
7. If $\frac{5}{6}$ of the signs had been sold and there were 48 signs left, how many signs were printed?
8. Only $\frac{1}{2}$ of the university students attended the Gigantic Autumn Gala. If 2520 did not attend the Gigantic Autumn Gala, how many university students were there?
9. Find three consecutive odd integers such that three times the sum of the first and second is 15 more than 5 times the third.
10. Find four consecutive even integers such that 6 times the sum of the first and second is 16 more than 10 times the fourth.
11. If $\frac{1}{2}$ of the books had been sold and there were 54 books left, how many books were printed?
12. Only $\frac{1}{4}$ of the university students majored in social sciences. If 1080 did not major in social sciences, how many university students were there?
13. The sum of three consecutive integers is -96 . What are the integers?
14. The sum of three consecutive integers is -150 . What are the integers?

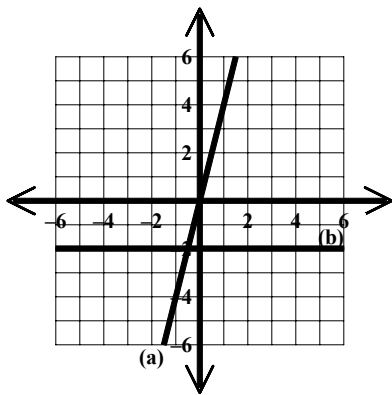
15. Find the equations of lines (a) and (b).



16. Find the equations of lines (a) and (b).



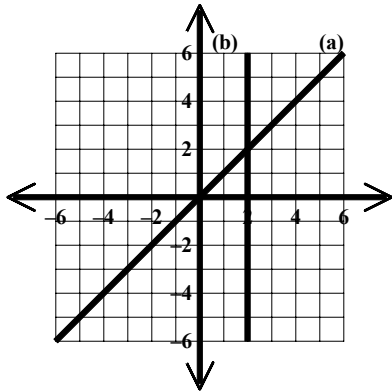
17. Find the equations of lines (a) and (b).



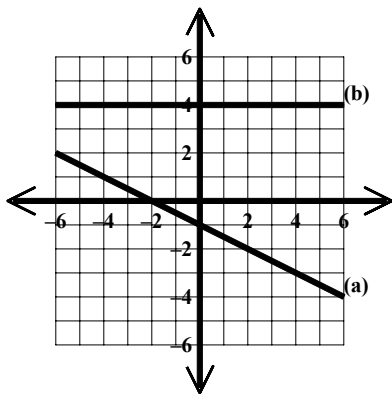
18. Use the slope-intercept method to graph the following equation: $y = \frac{1}{5}x + 3$

19. Graph the following equation on a rectangular coordinate system: $4x + y + 2 = 0$

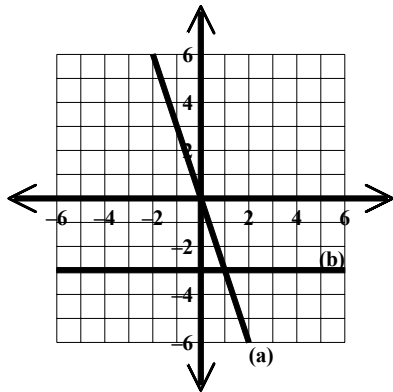
20. Find the equations of lines (a) and (b).



21. Find the equations of lines (a) and (b).



22. Find the equations of lines (a) and (b).



23. Use the slope-intercept method to graph the following equation: $y = \frac{4}{3}x - 1$

24. Graph the following equation on a rectangular coordinate system: $3x + y + 1 = 0$

Factor.

25. $(d + e)y^2 - 9y(d + e) + 18(d + e)$

26. $(a + b)y^2 - 9y(a + b) + 18(a + b)$

- [A] $(a + b)(y - 3)(y - 6)$ [B] $-(a + b)(y^2 + 9y + 18)$ [C] $(a + b)(y + 3)(y + 6)$ [D] $(y - 3)(y - 6)$

27. Find the surface area of a cone if the radius is 4 cm and the slant height is 16 cm.

