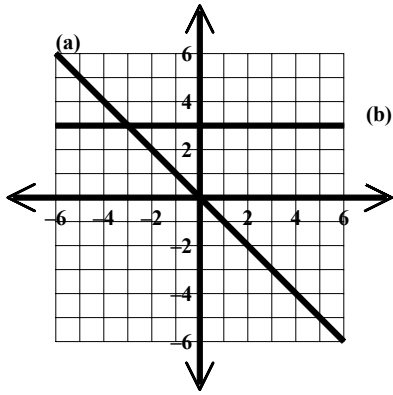
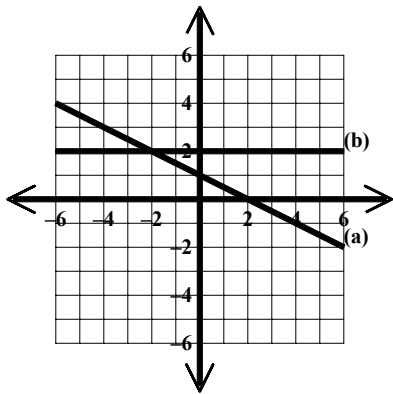


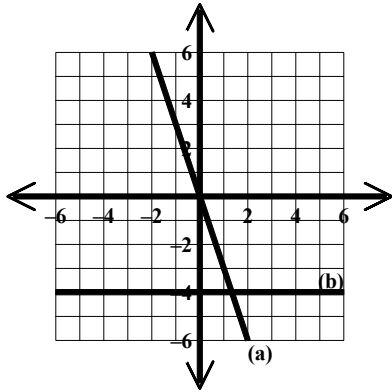
1. Find the equations of lines (a) and (b).



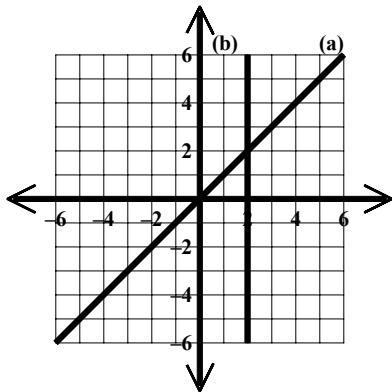
2. Find the equations of lines (a) and (b).



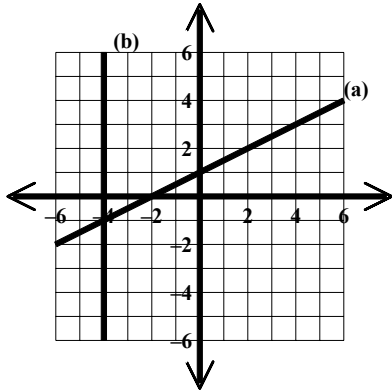
3. Find the equations of lines (a) and (b).



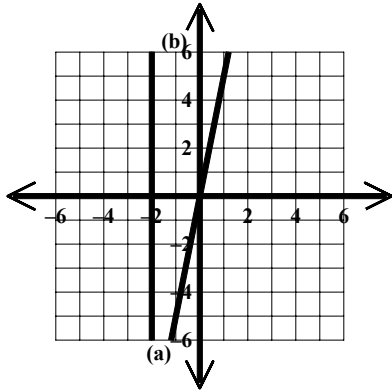
4. Use the slope-intercept method to graph the following equation: $y = -\frac{5}{6}x - 6$
5. Graph the following equation on a rectangular coordinate system: $-3x + y - 3 = 0$
6. Find the equations of lines (a) and (b).



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



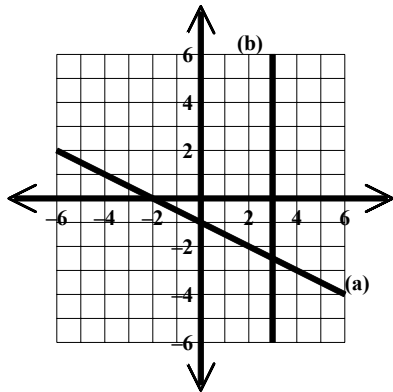
8. Find the equations of lines (a) and (b).



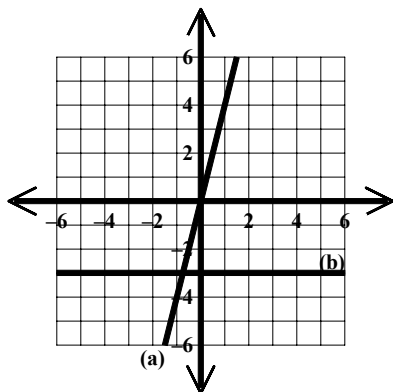
9. Use the slope-intercept method to graph the following equation: $y = \frac{1}{4}x + 3$

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

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



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



13. Write the following numbers in scientific notation:
(a) 669,000 (b) 0.00000669
14. Write the following numbers in scientific notation:
(a) 21,100,000 (b) 0.0211
15. Write the following numbers in scientific notation:
(a) 2,210,000 (b) 0.221
16. Write the following numbers in scientific notation:
(a) 74,800,000 (b) 0.00000748
17. Write the following numbers in scientific notation:
(a) 5120 (b) 0.000512

Factor:

18. $9x^2 - 16y^2$

19. $-25 + 36y^2$

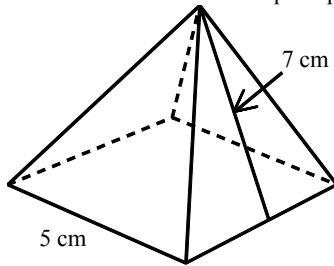
20. A bag contains 4 blue marbles and 5 red marbles. One marble is drawn at random and not replaced. Then a second marble is drawn. What is the probability that the first marble is red and the second one is blue?

21. Donna has a urn that contains 9 blue marbles and 12 orange marbles. She randomly draws 2 marbles, one after the other. What is the probability that the first marble is blue and the second marble is orange if the marbles are drawn

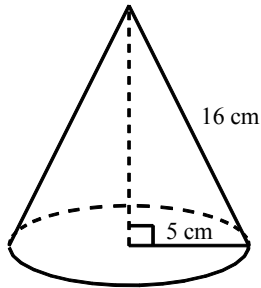
(a) with replacement? (b) without replacement?

22. Factor. $(g + h)z^2 + 4z(g + h) - 21(g + h)$

23. Find the surface area of a square pyramid if the length of the base is 5 cm and the slant height is 7 cm.



24. Find the surface area of a cone if the radius is 5 cm and the slant height is 16 cm.



25. Find the volume of the pyramid.

