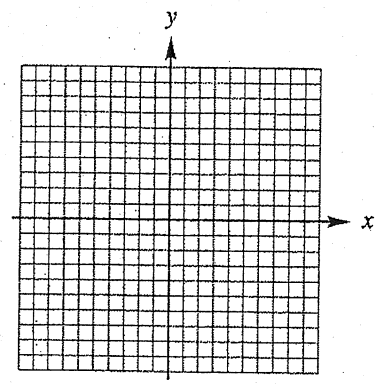
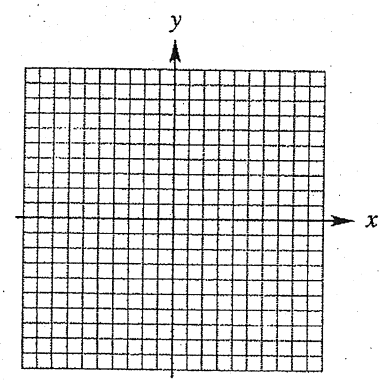
12. $f(x) = [\![2x]\!] - 2$

12.



13. $f(x) = \begin{cases} x+1 & \text{if } x \le -2 \\ -1 & \text{if } x > -2 \end{cases}$

13.



14. Explain how the graph of $y = -\frac{1}{2}\sqrt{x+3} + 5$ can be obtained from the graph of $y = \sqrt{x}$.

14. _____

_____

15. Determine whether the graph of $2x^2 + 3y^2 = 1$ is symmetric with respect to

a. the x-axis,

b. the y-axis,

c. the origin.

15. a. _____

b. _____

c. _____