

Use technology to graph the following.

9. $y = x^2 - 6x + 8$

10. $y = -(x + 8)(x - 6)$

11. $y = -5\sqrt{x + 3} - 6$

12. $y = \lceil x + 3 \rceil$

13. $y = (x - 2)^3 + 7$

14. $y = |x - 8| + 4$

15. The cost of the postage to mail a letter is a function of the weight of the letter, but not a linear one. For letters with weights between whole numbers the cost “steps” to the next higher cost. Graph the following data from the U.S. Mail system.

Weight no over (ounces)	Price \$
1	.47
2	.76
3	1.04
4	1.31