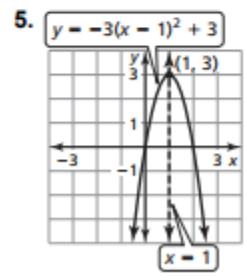
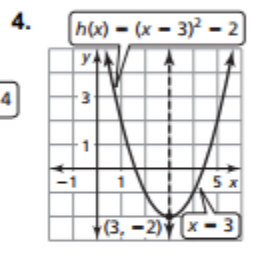
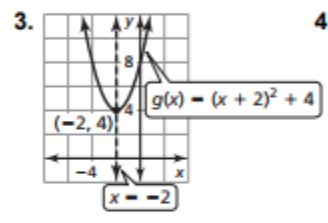
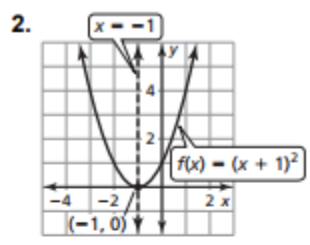
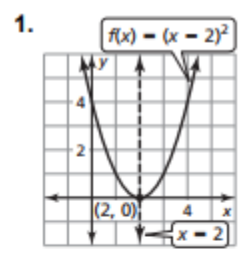
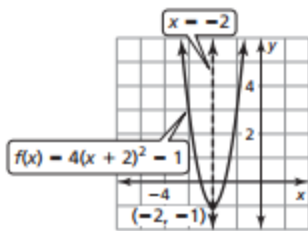


2.2 Practice A

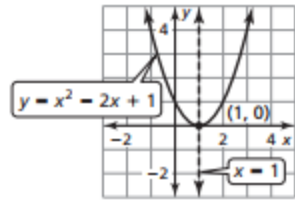
ANSWER KEY



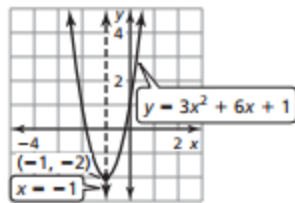
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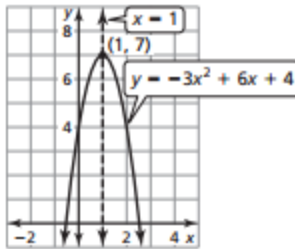
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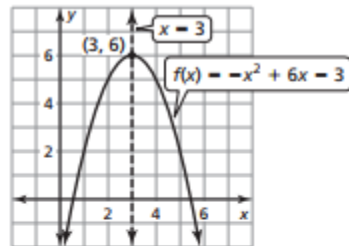
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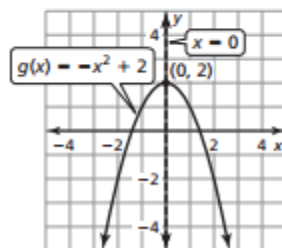
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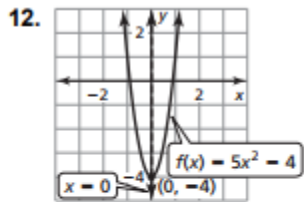


10.



11.





13. Both graphs have the same axis of symmetry,  
 $x = -2$ .

14. C; It has the largest leading coefficient,  $a = 3$ .

15. Minimum Value: 2; D:  $(-\infty, \infty)$ ; R:  $[2, \infty)$ ; increasing to the right of  $x = 0$ ; decreasing to the left of  $x = 0$

16. Minimum Value: -3; D:  $(-\infty, \infty)$ ; R:  $[-3, \infty)$ ; increasing to the right of  $x = 0$ ; decreasing to the left of  $x = 0$

17. Maximum Value: 3; D:  $(-\infty, \infty)$ ; R:  $(-\infty, 3]$ ; increasing to the left of  $x = 2$ ; decreasing to the right of  $x = 2$

18. Maximum Value: 11; D:  $(-\infty, \infty)$ ; R:  $(-\infty, 11]$ ; increasing to the left of  $x = 1$ ; decreasing to the right of  $x = 1$

19. a. noon   b. 75 customers