

1.
Answer: A
Objective: N.CN.2
2.
Answer: A
Objective: N.CN.2
3.
Answer: B
Objective: N.CN.2
4.
Answer: C
Objective: N.CN.7
5.
Answer: C
Objective: N.CN.7
6.
Answer: C
Objective: N.CN.7
7.
Answer: D
Objective: A.REI.4B
8.
Answer: B
Objective: N.CN.9
9.
Answer: C
Objective: A.SSE.2
10.
Answer: C
Objective: A.SSE.2
11.
Answer: D
Objective: A.SSE.2
12.
Answer: B
Objective: A.SSE.3A
13.
Answer: D
Objective: A.SSE.3A
14.
Answer: C
Objective: A.SSE.3A

15.
Answer: B
Objective: A.SSE.3A
16.
Answer: D
Objective: A.SSE.3A
17.
Answer: D
Objective: A.SSE.3B
18.
Answer: D
Objective: A.APR.1
19.
Answer: C
Objective: A.APR.1
20.
Answer: A
Objective: A.APR.1
21.
Answer: B
Objective: A.APR.2
22.
Answer: A
Objective: A.APR.6
23.
Answer: C
Objective: A.APR.2
24.
Answer: A
Objective: A.APR.2
25.
Answer: -14
Objective: A.APR.2
26.
Answer: A
Objective: A.APR.3
27.
Answer: A
Objective: A.APR.3

28.
Answer: D
Objective: A.APR.3

29.
Answer: A
Objective: A.APR.6

30.
Answer: D
Objective: A.APR.6

31.
Answer: C
Objective: A.APR.7

32.
Answer: A
Objective: A.APR.7

33.
Answer: B
Objective: A.APR.7

34.
Answer: B
Objective: A.CED.3

35.
Answer: D
Objective: A.REI.2

36.
Answer: C
Objective: A.REI.4A

37.
Answer: $y = 2(x - 6)^2 - 3$; $y = -(x - 3)^2 + 1$;
 $y = 3(x - \frac{1}{2})^2 + 5$
Objective: A.REI.4A

38.
Answer: 0; (1, -1); inc: \emptyset , dec: $x \neq 1$; [graph]
Objective: F.IF.7C

39.
Answer: -6, 4; -6, 4; same, because the solutions
are x-intercepts
Objective: F.IF.8A

40.
Answer: B
Objective: F.BF.1C

41.
Answer: C
Objective: F.BF.3

42.
Answer: D
Objective: F.BF.3

43.
Answer: D
Objective: F.BF.5

44.
Answer: A
Objective: F.BF.5

45.
Answer: B
Objective: F.BF.5

46.
Answer: A
Objective: F.TF.1

47.
Answer: D
Objective: F.TF.1

48.
Answer: A
Objective: F.TF.2

49.
Answer: B
Objective: F.TF.2

50.
Answer: C
Objective: F.TF.3

51.
Answer: B
Objective: F.TF.3

52.
Answer: A
Objective: F.TF.3

53.
Answer: D
Objective: ~~F~~.TF.3

54.
Answer: A
Objective: F.TF.3

55.
Answer: B
Objective: F.TF.3

56.
Answer: A
Objective: F.TF.3

57.
Answer: D
Objective: G.C.2

58.
Answer: 130°
Objective: G.C.2

59.
Answer: A
Objective: G.C.3

60.
Answer: $35^\circ; 110^\circ; 55^\circ$
Objective: G.C.3

61.
Answer: B
Objective: G.C.4

62.
Answer: C
Objective: G.GPE.1

63.
Answer: D
Objective: G.GPE.1

64.
Answer: