

SM2H 2.6 Conjugate of Complex Numbers Key

1. $-19 - 4i$

2. $3 + 13i$

3. $81 + 15i$

4. $3 - 7i$

5. $3 + 5i$

6. $-10 + 2i$

7. $-2 - 4i$

8. $-8i$

9. $9i$

10. 3

11. $12 + 15i$

12. -2

13. $\frac{-3}{7}i$

14. $\frac{10}{3}i$

15. $\frac{-7}{4}i$

16. $3i$

17. i

18. $-1 - \frac{5}{2}i$

19. $\frac{5}{3} + \frac{1}{2}i$

20. $-5 - 6i$

21. $\frac{14}{13} + \frac{21}{13}i$

22. $\frac{24}{17} - \frac{6}{17}i$

23. $\frac{32}{17} + \frac{8}{17}i$

24. $\frac{-18}{13} - \frac{12}{13}i$

25. $\frac{17}{25} - \frac{6}{25}i$

26. $\frac{-43}{169} + \frac{32}{169}i$

27. $\frac{5}{2} - \frac{7}{2}i$

28. $-\frac{1}{2} + \frac{5}{2}i$

29. $\frac{2}{3}i$

30. $\frac{-91}{149} - \frac{19}{149}i$

31. $\frac{-5}{3} - \frac{2}{3}i$

32. $\frac{-73}{53} + \frac{17}{53}i$

33. $3 + 3i$

34. Transformations:

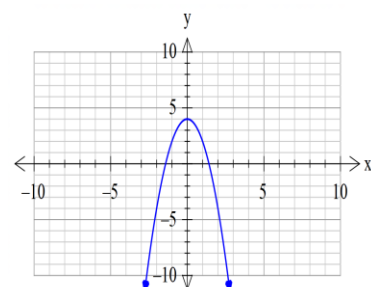
Reflect over x axis

Vertical Stretch of 2

Up 4

Vertex (0, 4)

x	y
-2	-4
-1	2
0	4
1	2
2	-4



35. Transformations:

vertical shrink of $\frac{1}{2}$,

translate right 1

down 3

Endpoint: (1, -3)

x	y
1	-3
2	-2.5
3	-2
10	-1.5

