Homework

p. 279: 39, 42, 43

Plot the numbers in the same complex plane.

39. $5 - 5i$

Find the absolute value of the complex number.

42. $4 + 3i$ **43.** $-3 + 10i$

p. 288: 27, 31, 32

Solve the equation by completing the square.

27. $x^2 - 2x + 25 = 0$

31. $3s^2 + 6s + 9 = 0$ **32.** $7t^2 + 28t + 56 = 0$

p. 296: 5, 8, 10, 14, 15

EQUATIONS IN STANDARD FORM **Use the quadratic formula to solve the equation.**

5. $t^2 + 8t + 19 = 0$ **8.** $5p^2 - 10p + 24 = 0$ **10.** $6u^2 + 4u + 11 = 0$

EQUATIONS NOT IN STANDARD FORM **Use the quadratic formula to solve the equation.**

14. $x^2 + 6x = -15$ **15.** $s^2 = -14 - 3s$