

Homework

p. 288: 3, 7, 9, 13, 17, 23, 25

SOLVING BY SQUARE ROOTS Solve the equation by finding square roots.

3. $x^2 + 4x + 4 = 9$

7. $x^2 - 22x + 121 = 13$

9. $t^2 + 8t + 16 = 45$

FINDING C Find the value of c that makes the expression a perfect square trinomial. Then write the expression as the square of a binomial.

13. $x^2 + 6x + c$

17. $x^2 - 2x + c$

COMPLETING THE SQUARE Solve the equation by completing the square.

23. $x^2 + 8x = -1$

25. $x^2 + 12x + 18 = 0$