

Homework

p. 288: 28-30, 41-43

COMPLETING THE SQUARE Solve the equation by completing the square.

28. $2k^2 + 16k = -12$

29. $3x^2 + 42x = -24$

30. $4x^2 - 40x - 12 = 0$

WRITING IN VERTEX FORM Write the quadratic function in vertex form. Then identify the vertex.

41. $y = x^2 - 8x + 19$

42. $y = x^2 - 4x - 1$

43. $y = x^2 + 12x + 37$

Chapter 4 Part Two Test on Tuesday!