

In Exercises 33–46, use a graphing utility to graph the equation. Use a standard viewing window. Approximate any x - or y -intercepts of the graph.

33. ~~_____~~

34. ~~_____~~

35. ~~_____~~

39. $y = x(x - 2)^2$

41. $y = \frac{2x}{x - 1}$

43. $y = x\sqrt{x + 3}$

45. $y = \sqrt[3]{x}$

36. ~~_____~~

37. ~~_____~~

38. ~~_____~~ (2)

40. ~~_____~~

42. ~~_____~~

44. ~~_____~~ \sqrt{x}

46. ~~_____~~

In Exercises 47–50, use a graphing utility to graph the equation. Begin by using a standard viewing window. Then graph the equation a second time using the specified viewing window. Which viewing window is better? Explain.

47. $y = \frac{5}{2}x + 5$

Xmin = 0
Xmax = 6
Xscl = 1
Ymin = 0
Ymax = 10
Yscl = 1

[Redacted]

[Redacted]

49. $y = -x^2 + 10x - 5$

Xmin = -1
Xmax = 11
Xscl = 1
Ymin = -5
Ymax = 25
Yscl = 5

[Redacted]