

Section 1.5

Rectangular Coordinates and Graphs
of Equations

1. Graph:
(p.102 Example Problem #1)

$$y = x$$

2. Graph:
(p.102 Example Problem #2)

$$y = x^2$$

3. Graph:
(p.102 Example Problem #3)

$$y = x^3$$

4. Graph:
(p.102 Example Problem #4)

$$y = x^{\frac{1}{2}}$$

5. Graph:
(p.102 Example Problem #5)

$$y = \sqrt{x}$$

6. Graph:
(p.102 Example Problem #6)

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

7. Graph:
(p.102 Example Problem #7)

$$y = \sqrt[4]{x}$$

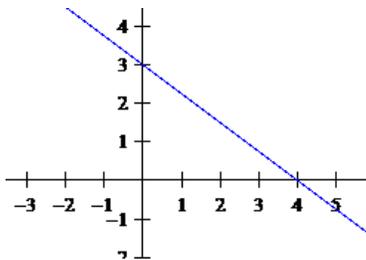
8. Graph:
(p.102 Example Problem #8)

$$y = |x|$$

9. Graph:
(p.102 Example Problem #9)

$$y = \frac{x+2}{x-3}$$

10. The graph of an equation is given.
List the intercepts of the graph:
(Similar to p.103 #56)



11. The graph of an equation is given. List the intercepts of the graph:
(Similar to p.103 #58)

