1.
$$y = -1.28x - 18.51\{-18.5 \le x \le -18\}$$
2. $y = 4.2\{-19.1 \le x \le -17.64\}$
3. $(x + 22.7)^2 + (y - 6.3)^2 = 30\{x \ge -19.1\}\{y \le 4.2\}$
4. $x = -18.25\{0.6 \le y \le 3.107\}$
5. $y = -x - 15.25\{-18.25 \le x \le -17.5\}$
6. $x = -17.2\{3.1 \le y \le 4.8\}$
7. $x = -15\{3.1 \le y \le 4.8\}$
8. $y = 4.8\{-17.2 \le x \le -15\}$
9. $y = 3.1\{-17.2 \le x \le -15\}$
10. $(x + 19)^2 + (y - 2.8)^2 = 6\{x \ge -17.7\}\{y \le 3.1\}$
11. $y = \sqrt[3]{150(x + 15.1)^4 + (x + 15.1)^2 - 10} + 2.8\{-15.6052 \le x \le -14.607\}$
12. $(x + 19.6)^2 + (y - 7)^2 = 50\{x \ge -13.9\}\{y \le 5.2\}$
13. $y = 4.75\{-12.9 \le x \le -11.503\}$
14. $(x + 15.35)^2 + (y - 4.3)^2 = 15\{x \ge -13.8\}\{y \le 4.75\}$
15. $y = -0.75x - 6.45\{-13.2 \le x \le -11.92\}$
16. $x = -10.7\{0.6 \le y \le 5.3\}$
17. $y = -x - 7.1\{-10.7 \le x \le -9.2\}$
18. $(x + 12)^2 + (y - 7.2)^2 = 30\{x \ge -8.7\}\{y \le 5.1\}$
19. $(x + 0.75)^2 + (y - 7.2)^2 = 30\{x \le -4\}\{y \le 5.1\}$
20. $y = 1.62x + 13.98\{-8 \le x \le -6.5\}$

21.

 $y = 0.08x + 1.66 \{ -8 \le x \le -4.66 \}$

$$y = -1.8x - 7.1\{-5.5 \le x \le -4.35\}$$

$$(x+9.5)^2 + (y-6.2)^2 = 50\{x \ge -3.3\}\{y \le 4.9\}$$

$$y = 4\{-2.78 \le x \le 0.85\}$$

$$y = 2.45 \left\{ -2.95 \le x \le 0.75 \right\}$$

$$y = 0.8 \{ -3.4 \le x \le 1.2 \}$$

$$x = -1.05 \{ 0.8 < y < 5.1 \}$$

$$x = 2.6 \{ 1 < y < 4.8 \}$$

$$x = 5.8 \{ 1 < y < 4.8 \}$$

$$y = 1 \{ 2.6 \le x \le 5.8 \}$$

$$y = 3\{2.6 < x < 5.8\}$$

$$y = 4.8 \{ 2.6 \le x \le 5.8 \}$$

$$y = 7.4x - 49.25 \{ 7 < x < 7.25 \}$$

$$x = 7.85 \{ 0.6 \le y \le 5.25 \}$$

$$y = -4.4x + 40.92 \{ 8.3 < x < 8.55 \}$$

$$y = 4.3 \{ 8.8 \le x \le 11.1 \}$$

$$x = 11.1 \{ 2.75 \le y \le 4.3 \}$$

$$y = 2.75 \left\{ 8.35 \le x \le 11.7 \right\}$$

$$x = 9.85 \{ 2.75 \le y \le 5.2 \}$$

$$(x-6.9)^2 + (y-3.4)^2 = 9\{x \ge 8.25\}\{y \le 2.75\}$$

$$(x-13.05)^{2} + (v-3.4)^{2} = 9\{x < 11.65\}\{v < 2.75\}$$

$$y = 0.1x + 3.3 \{ 13.016 \le x \le 16.4 \}$$

$$y = 6.5x - 80 \{ 12.746 \le x \le 13.016 \}$$

$$y = 2.85 \{ 12.746 \le x \le 16.9 \}$$

$$x = 14.65 \{ 0.613 \le y \le 4.3 \}$$

$$y = -0.25x + 4.275 \{ 13.5 \le x \le 14.65 \}$$

$$y = 1.6x - 19.2 \{ 12.45 \le x \le 13.5 \}$$

$$y = -1.6x + 27.5 \{ 15.65 \le x \le 16.7 \}$$

$$x = 18.5 \{ 2 \le y \le 4.5, 1.32 \le y \le 1.34 \}$$

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