Church of Jevdy

1.
▼ Horizontal Line

2.
$$y = 0\{-317.5 \le x \le 317.5\}$$

3.
$$y = 10\{-73.5 \le x \le 73.5, 104 \le x \le 120, 155 \le x \le 174, 224 \le x \le 252, 302 \le x \le 317.5, -104 \ge x \ge -120, -155 \ge x \ge -174, -224 \ge x \ge -252, -302 \ge x \ge -317.5\}$$

4.
$$y = 21\{-14 \le x \le 14, 28 \le x \le 57, -28 \ge x \ge -57\}$$

5.
$$y = 27\{155 \le x \le 317, -155 \ge x \ge -317\}$$

6.
$$y = 30\{163 \le x \le 204, 210 \le x \le 266, 273 \le x \le 314, -163 \ge x \ge -204, -210 \ge x \ge -266, -273 \ge x \ge -314\}$$

7.
$$y = 37\{163 \le x \le 204, 210 \le x \le 266, 273 \le x \le 314, -163 \ge x \ge -204, -210 \ge x \ge -266, -273 \ge x \ge -314\}$$

8.
$$y = 40\{-317 \le x \le -155, 155 \le x \le 317\}$$

9.
$$y = 43\{-14 \le x \le 14, 28 \le x \le 57, -28 \ge x \ge -57\}$$

10.
$$y = 45\{155 \le x \le 173, 194 \le x \le 204, 225 \le x \le 251, 272 \le x \le 283, 304 \le x \le 312, -155 \ge x \ge -173, -194 \ge x \ge -204, -225 \ge x \ge -251, -272 \ge x \ge -283, -304 \ge x \ge -312\}$$

11.
$$y = 48\{155 \le x \le 173, 194 \le x \le 204, 225 \le x \le 251, 272 \le x \le 283, 304 \le x \le 312, -155 \ge x \ge -173, -194 \ge x \ge -204, -225 \ge x \ge -251, -272 \ge x \ge -283, -304 \ge x \ge -312\}$$

12.
$$y = 50\{-120 \le x \le 120, 155 \le x \le 173, 194 \le x \le 204, 225 \le x \le 251, 272 \le x \le 283, 304 \le x \le 312, -155 \ge x \ge -173, -194 \ge x \ge -204, -225 \ge x \ge -251, -272 \ge x \ge -283, -304 \ge x \ge -312\}$$

13.
$$y = 52\{-120 \le x \le 120, 155 \le x \le 173, 194 \le x \le 204, 225 \le x \le 251, 272 \le x \le 283, 304 \le x \le 312, -155 \ge x \ge -173, -194 \ge x \ge -204, -225 \ge x \ge -251, -272 \ge x \ge -283, -304 \ge x \ge -312\}$$

14.
$$y = 55\{-120 \le x \le 120, 155 \le x \le 173, 194 \le x \le 204, 225 \le x \le 251, 272 \le x \le 283, 304 \le x \le 314.5, -155 \ge x \ge -173, -194 \ge x \ge -204, -225 \ge x \ge -251, -272 \ge x \ge -283, -304 \ge x \ge -314.5\}$$

15.
$$y = 60\{-120 \le x \le 120\}$$

16.
$$y = 63\{-21 \le x \le 21, 27 \le x \le 58, 61 \le x \le 106, -27 \ge x \ge -58, -61 \ge x \ge -106\}$$

17.
$$y = 70\{-21 \le x \le 21, 27 \le x \le 58, 61 \le x \le 106, -27 \ge x \ge -58, -61 \ge x \ge -106\}$$

18.
$$y = 82\{-315.75 \le x \le -155, 155 \le x \le 315.75\}$$

19.
$$y = 85\{-315.75 \le x \le -145, 145 \le x \le 315.75\}$$

20.
$$y = 88\{168 \le x \le 222, 247 \le x \le 300, -300 \le x \le -247, -222 \le x \le -168\}$$

21.
$$y = 96\{-222 \le x \le 222, 247 \le x \le 300, -300 \le x \le -247\}$$

22.
$$y = 104\{50 \le x \le 120.83, -50 \ge x \ge -120.83\}$$

23.
$$y = 137\{-48.57 \le x \le 48.57\}$$

24.
$$y = 157.5\{102.74 \le x \le 180, -102.74 \ge x \ge -180\}$$

25.
$$y = 161\{192 \le x \le 198, 270.5 \le x \le 276.5, -276.5 \le x \le -270.5, -198 \le x \le -192\}$$

26.
$$y = 164\{45 \le x \le 100, -45 \ge x \ge -100\}$$

27.
$$y = 169\{47 \le x \le 97, -47 \ge x \ge -97\}$$

28.
$$y = 174\{184 \le x \le 206, 262.5 \le x \le 284.5, -284.5 \le x \le -262.5, -206 \le x \le -184\}$$

29.
$$y = 179\{192 \le x \le 198, 270.5 \le x \le 276.5, -192 \ge x \ge -198, -270.5 \ge x \ge -276.5\}$$

30.
$$y = 188\{-38 \le x \le 38\}$$

31.
$$y = 206\{47 \le x \le 97, -47 \ge x \ge -97\}$$

32.
$$y = 212.5\{-38 \le x \le 38, 43 \le x \le 102, -43 \ge x \ge -102, 114.5 \le x \le 167.5, -114.5 \ge x \ge -167.5\}$$

33.
$$y = 220\{38 \le x \le 107, -38 \ge x \ge -107, 108 \le x \le 174, -108 \ge x \ge -174\}$$

34.
$$y = 228\{38 \le x \le 107, -38 \ge x \ge -107\}$$

35.
$$y = 236\{42 \le x \le 103, -42 \ge x \ge -103\}$$

36.
$$y = 241\{27 \le x \le 47, -27 \ge x \ge -47\}$$

37.
$$y = 244\{53 \le x \le 92, -53 \ge x \ge -92\}$$

38.
$$y = 252\{62 \le x \le 83, -62 \ge x \ge -83\}$$

39.
$$y = 260\{-27 \le x \le 27, 67 \le x \le 78, -67 \ge x \ge -78\}$$

40.
$$y = 270\{-27 \le x \le 27\}$$

41.
$$y = 280\{-29 \le x \le 29\}$$

42.
$$y = 283\{70 \le x \le 75, -70 \ge x \ge -75\}$$

43.
$$y = 292\{66 \le x \le 79, -66 \ge x \ge -79\}$$

44.
$$y = 295\{70 \le x \le 75, -70 \ge x \ge -75\}$$

45.
$$y = 309\{-43 \le x \le -22, 22 \le x \le 43\}$$

46.
$$y = 315\{138 \le x \le 144, -138 \ge x \ge -144\}$$

47.
$$y = 326\{132 \le x \le 150, -132 \ge x \ge -150\}$$

48.
$$y = 330\{138 \le x \le 144, -138 \ge x \ge -144\}$$

49.
$$y = 347\{-2 \le x \le 2\}$$

50.
$$y = 355\{-7 \le x \le 7\}$$

51.
$$y = 358\{-2 \le x \le 2\}$$

52.
$$y = 407\{-11.5 \le x \le -7.5, 7.5 \le x \le 11.5\}$$

53.
$$y = 413\{-11.5 \le x \le 11.5\}$$

54.
$$y = 447\{-3 \le x \le 3\}$$

55.
$$y = 456\{-8 \le x \le 8\}$$

56.
$$y = 460\{-3 \le x \le 3\}$$

57.
▼ Vertical Line

58.
$$x = 0\{345 \le y \le 360, 445 \le y \le 462\}$$

59.
$$x = 7.5\{375 \le y \le 407\}$$

60.
$$x = -7.5\{375 \le y \le 407\}$$

61.
$$x = 11.5\{407 \le y \le 413\}$$

62.
$$x = -11.5\{407 \le y \le 413\}$$

63.
$$x = 14\{21 \le y \le 43\}$$

64.
$$x = -14\{21 \le y \le 43\}$$

65.
$$x = 21\{10 \le y \le 50, 63 \le y \le 70\}$$

66.
$$x = -21\{10 \le y \le 50, 63 \le y \le 70\}$$

67.
$$x = 27\{63 \le y \le 70, 227 \le y \le 274\}$$

68.
$$x = -27\{63 \le y \le 70, 227 \le y \le 274\}$$

69.
$$x = 28\{21 \le y \le 43\}$$

70.
$$x = -28\{21 \le y \le 43\}$$

71.
$$x = 38\{137 \le y \le 212.5\}$$

72.
$$x = -38\{137 \le y \le 212.5\}$$

73.
$$x = 47\{164 \le y \le 209.76\}$$

74.
$$x = -47\{164 \le y \le 209.76\}$$

75.
$$x = 57\{21 \le y \le 43\}$$

76.
$$x = -57\{21 \le y \le 43\}$$

77.
$$x = 58\{63 \le y \le 70\}$$

78.
$$x = -58\{63 \le y \le 70\}$$

79.
$$x = 60\{0 \le y \le 96\}$$

80.
$$x = -60\{0 \le y \le 96\}$$

81.
$$x = 61\{63 \le y \le 70\}$$

82.
$$x = -61\{63 \le y \le 70\}$$

83.
$$x = 72.5\{282 \le y \le 296\}$$

84.
$$x = -72.5\{282 \le y \le 296\}$$

85.
$$x = 98\{164 \le y \le 209.76\}$$

86.
$$x = -98\{164 \le y \le 209.76\}$$

87.
$$x = 106\{63 \le y \le 70\}$$

88.
$$x = -106\{63 \le y \le 70\}$$

89.
$$x = 108\{60 \le y \le 96\}$$

90.
$$x = -108\{60 \le y \le 96\}$$

91.
$$x = 114.5\{174 \le y \le 216.58, 96 \le y \le 104, 10 \le y \le 50\}$$

92.
$$x = -114.5\{174 \le y \le 216.58, 96 \le y \le 104, 10 \le y \le 50\}$$

93.
$$x = 120\{0 \le y \le 10, 50 \le y \le 60\}$$

94.
$$x = -120\{0 \le y \le 10, 50 \le y \le 60\}$$

95.
$$x = 141\{312.67 \le y \le 332\}$$

96.
$$x = -141\{312.67 \le y \le 332\}$$

97.
$$x = 155\{0 \le y \le 82\}$$

98.
$$x = -155\{0 \le y \le 82\}$$

99.
$$x = 163\{30 \le y \le 37\}$$

100.
$$x = -163\{30 \le y \le 37\}$$

101.
$$x = 167.5\{174 \le y \le 216.58\}$$

102.
$$x = -167.5\{174 \le y \le 216.58\}$$

103.
$$x = 168\{88 \le y \le 96\}$$

104.
$$x = -168\{88 \le y \le 96\}$$

105.
$$x = 180\{123.57 \le y \le 157.5\}$$

106.
$$x = -180\{123.57 \le y \le 157.5\}$$

107.
$$x = 195\{158.65 \le y \le 181\}$$

108.
$$x = -195\{158.65 \le y \le 181\}$$

109.
$$x = 204\{30 \le y \le 37\}$$

110.
$$x = -204\{30 \le y \le 37\}$$

111.
$$x = 210\{30 \le y \le 37\}$$

112.
$$x = -210\{30 \le y \le 37\}$$

113.
$$x = 222\{88 \le y \le 96\}$$

114.
$$x = -222\{88 \le y \le 96\}$$

115.
$$x = 247\{88 \le y \le 96\}$$

116.
$$x = -247\{88 \le y \le 96\}$$

117.
$$x = 266\{30 \le y \le 37\}$$

118.
$$x = -266\{30 \le y \le 37\}$$

119.
$$x = 273\{30 \le y \le 37\}$$

120.
$$x = -273\{30 \le y \le 37\}$$

121.
$$x = 273.5\{158.65 \le y \le 181\}$$

122.
$$x = -273.5\{158.65 \le y \le 181\}$$

123.
$$x = 300\{88 \le y \le 96\}$$

124.
$$x = -300\{88 \le y \le 96\}$$

125.
$$x = 312\{40 \le y \le 55\}$$

126. $x = -312\{40 \le y \le 55\}$

127. $x = 314\{30 \le y \le 37\}$

128. $x = -314\{30 \le y \le 37\}$

129. $x = 314.5\{55 \le y \le 82\}$

130. $x = -314.5\{55 \le y \le 82\}$

131. $x = 315.75\{82 \le y \le 85\}$

132. $x = -315.75\{82 \le y \le 85\}$

133. $x = 317\{10 \le y \le 40\}$

134. $x = -317\{10 \le y \le 40\}$

135. $x = 317.5\{0 \le y \le 10\}$

136. $x = -317.5\{0 \le y \le 10\}$

137. ▼ Slant Line

138. $y = 0.5283x - 81.811\{315.75 \le x \le 318.4\}$

139. $y = -0.5283x - 81.811\{-315.75 \ge x \ge -318.4\}$

140. $y = -0.086957x + 114.09\{300 \le x \le 318.4\}$

141. $y = 0.086957x + 114.09\{-300 \ge x \ge -318.4\}$

142. $y = 0.128x + 56.384\{234.5 \le x \le 247\}$

143. $y = -0.128x + 56.384\{-234.5 \ge x \ge -247\}$

144. $y = 0.128x + 116.42\{-222 \ge x \ge -234.5\}$

145. $y = -0.128x + 116.42\{222 \le x \le 234.5\}$

146. $y = -0.13043x + 66.087\{-145 \ge x \ge -168\}$

147. $y = 0.13043x + 66.087\{145 \le x \le 168\}$

148. $y = -2.3415x + 798.46\{275.23 \le x \le 300\}$

149. $y = 2.3415x + 798.46\{-275.23 \ge x \ge -300\}$

150. $y = 2.3415x - 482.33\{247 \le x \le 271.75\}$

151. $y = -2.3415x - 482.33\{-247 \ge x \ge -271.75\}$

152. $y = -2.2952x + 605.54\{196.73 \le x \le 222\}$

153. $y = 2.2952x + 605.54\{-196.73 \ge x \ge -222\}$

154. $y = -2.2952x - 289.57\{-168 \ge x \ge -193.25\}$

155. $y = 2.2952x - 289.57\{168 \le x \le 193.25\}$

156. $y = 2.2868x + 392.15\{-7.5 \ge x \ge -34\}$

157. $y = -2.2868x + 392.15\{7.5 \le x \le 34\}$

158. $y = 0.6x + 334.8\{-34 \ge x \ge -43\}$

159. $y = -0.6x + 334.8\{34 \le x \le 43\}$

160. $y = -3x + 193\{-27 \ge x \ge -29\}$

161. $y = 3x + 193\{27 \le x \le 29\}$

162. $y = 0.8x + 144\{-50 \ge x \ge -60\}$

163. $y = -0.8x + 144\{50 \le x \le 60\}$

164. $y = 0.29787x + 128.17\{-108 \ge x \ge -155\}$

165. $y = -0.29787x + 128.17\{108 \le x \le 155\}$

166. $y = 0.28571x + 97.878\{-108 \ge x \ge -155\}$

167. $y = -0.28571x + 97.878\{108 \le x \le 155\}$

168. $y = 0.28571x + 94.286\{-120 \ge x \ge -155\}$

169. $y = -0.28571x + 94.286\{120 \le x \le 155\}$

170. $y = 0.28571x + 84.286\{-120 \ge x \ge -155\}$

171. $y = -0.28571x + 84.286\{120 \le x \le 155\}$

172. ▼ Quadratics

173. $y = -0.13(x - 27)^2 + 227\{y \ge 212.5\}$

174. $y = -0.13(x + 27)^2 + 227\{y \ge 212.5\}$

175. $y = -0.13x^2 + 227\{y \ge 212.5\}$

176. $y = -0.13(x - 141)^2 + 174\{y \ge 157.5\}$

177. $y = -0.13(x + 141)^2 + 174\{y \ge 157.5\}$

178. $y = -0.13(x - 167.5)^2 + 174\{y \ge 157.5\}$

179. $y = -0.13(x + 167.5)^2 + 174\{y \ge 157.5\}$

180. $y = -0.13(x - 114.5)^2 + 174\{y \ge 157.5\}$

181. $y = -0.13(x + 114.5)^2 + 174\{y \ge 157.5\}$

182. ▼ Circle and Ellipse

183. $(x + 273.5)^2 + (y - 156)^2 = 7\{y \ge 154\}$

184. $(x - 273.5)^2 + (y - 156)^2 = 7\{y \ge 154\}$

185. $(x + 195)^2 + (y - 156)^2 = 7\{y \ge 154\}$

186. $(x - 195)^2 + (y - 156)^2 = 7\{y \ge 154\}$

187. $(x + 191)^2 + (y - 304)^2 = 2200\{x \ge -167.5\}\{y \le 305\}$

188.
$$(x - 191)^2 + (y - 304)^2 = 2200\{x \le 167.5\}\{y \le 305\}$$

189.
$$(x + 91)^2 + (y - 304)^2 = 2200\{x \le -114.5\}\{y \le 305\}$$

190.
$$(x - 91)^2 + (y - 304)^2 = 2200\{x \ge 114.5\}\{y \le 305\}$$

191.
$$(x + 141)^2 + (y - 308.2)^2 = 20\{y \ge 305\}$$

192.
$$(x - 141)^2 + (y - 308.2)^2 = 20\{y \ge 305\}$$

193.
$$\frac{1}{2000}(x + 141)^2 + \frac{1}{845}(y - 240)^2 = 1\{216.5 \le y \le 221.36, 240.5 \le y \le 263.41\}$$

194.
$$\frac{1}{2000}(x - 141)^2 + \frac{1}{845}(y - 240)^2 = 1\{216.5 \le y \le 221.36, 240.5 \le y \le 263.41\}$$

195.
$$\frac{1}{2000}(x + 141)^2 + \frac{1}{845}(y - 240)^2 = 1\{x \le -175\}$$

196.
$$\frac{1}{2000}(x - 141)^2 + \frac{1}{845}(y - 240)^2 = 1\{x \ge 175\}$$

197.
$$\frac{1}{1200}(x + 72.5)^2 + \frac{1}{507}(y - 225)^2 = 1\{x \ge -47, x \le -98\}$$

198.
$$\frac{1}{1200}(x - 72.5)^2 + \frac{1}{507}(y - 225)^2 = 1\{x \le 47, x \ge 98\}$$

199.
$$(x + 33)^2 + (y - 275)^2 = 1400\{x \le -47\}\{y \le 276\}$$

200.
$$(x - 33)^2 + (y - 275)^2 = 1400\{x \ge 47\}\{y \le 276\}$$

201.
$$(x + 112)^2 + (y - 275)^2 = 1400\{x \ge -98\}\{y \le 276\}$$

202.
$$(x - 112)^2 + (y - 275)^2 = 1400\{x \le 98\}\{y \le 276\}$$

203.
$$(x + 72.5)^2 + (y - 278.65)^2 = 11.4\{y \ge 276\}$$

204.
$$(x - 72.5)^2 + (y - 278.65)^2 = 11.4\{y \ge 276\}$$

205.
$$\frac{1}{1050}x^2 + \frac{1}{570}(y - 291.5)^2 = 1\{280 \le y \le 309\}$$

206.
$$(x + 41)^2 + (y - 343)^2 = 1500\{x \ge -22\}\{y \le 340\}$$

207.
$$(x - 41)^2 + (y - 343)^2 = 1500\{x \le 22\}\{y \le 340\}$$

208.
$$x^2 + (y - 341.9)^2 = 9.5\{y \ge 340\}$$

209.
$$\frac{1}{230}x^2 + \frac{1}{130}(y - 420.5)^2 = 1\{413 \le y \le 429\}$$

210.
$$(x + 21)^2 + (y - 445.77)^2 = 400\{x \ge -10.3\}\{y \le 441.5\}$$

211.
$$(x - 21)^2 + (y - 445.77)^2 = 400\{x \le 10.3\}\{y \le 441.5\}$$

212.
$$x^2 + (y - 442.95)^2 = 4.3\{y \ge 441.48\}$$

213.
▼ Absolute Value Function

214.
$$y = -|3.75x| + 182\{y \ge 137\}$$

215.
$$y = -|3.75x + 90| + 182\{y \ge 137\}$$

216.
$$y = -|3.75x - 90| + 182\{y \ge 137\}$$

217.
$$y = -|3.75(x + 141)| + 141\{y \ge 96\}$$

218.
$$y = -|3.75(x - 141)| + 141\{y \ge 96\}$$

219.
$$y = -|3.75(x - 141) + 90| + 141\{x \ge 112.37\}\{y \ge 96\}$$

220.
$$y = -|3.75(-x - 141) + 90| + 141\{x \le -112.37\}\{y \ge 96\}$$

221.
$$y = -|3.75(x - 141) - 90| + 141\{153 \le x \le 173.58\}$$

222.
$$y = -|3.75(-x - 141) - 90| + 141\{-153 \ge x \ge -173.58\}$$

223.
$$y = -|3.75(x - 141) - 90| + 141\{153 \le x \le 173.58\}$$

224.
▼ Irrational Function

225.
$$y = -\sqrt[3]{(x + 88.75)^4 + 200(x + 88.75)^2 - 100000}\{y \ge 0\}$$

226.

$$y = -\sqrt[3]{(x-88.75)^4 + 200(x-88.75)^2 - 100000} \ \{y \ge 0\}$$

227.

$$y = -\sqrt[3]{15(x+199)^2 - 10500} \ \{y \ge 0\}$$

228.

$$y = -\sqrt[3]{15(x-199)^2 - 10500} \ \{y \ge 0\}$$

229.

$$y = -\sqrt[3]{15(x+277)^2 - 10500} \ \{y \ge 0\}$$

230.

$$y = -\sqrt[3]{15(x-277)^2 - 10500} \ \{y \ge 0\}$$

231.

$$y = -\sqrt[3]{(x+183.5)^4 + 35(x+183.5)^2 - 18000} \ + 40\{y \ge 40\}$$

232.

$$y = -\sqrt[3]{(x-183.5)^4 + 35(x-183.5)^2 - 18000} \ + 40\{y \ge 40\}$$

233.

$$y = -\sqrt[3]{(x-214.5)^4 + 35(x-214.5)^2 - 18000} \ + 40\{y \ge 40\}$$

234.

$$y = -\sqrt[3]{(x+214.5)^4 + 35(x+214.5)^2 - 18000} \ + 40\{y \ge 40\}$$

235.

$$y = -\sqrt[3]{(x-261.5)^4 + 35(x-261.5)^2 - 18000} \ + 40\{y \ge 40\}$$

236.

$$y = -\sqrt[3]{(x+261.5)^4 + 35(x+261.5)^2 - 18000} \ + 40\{y \ge 40\}$$

237.

$$y = -\sqrt[3]{(x-293.5)^4 + 35(x-293.5)^2 - 18000} \ + 40\{y \ge 40\}$$

238.

$$y = -\sqrt[3]{(x+293.5)^4 + 35(x+293.5)^2 - 18000} \ + 40\{y \ge 40\}$$

239.

▼ Trigonometric Function

240.

$$x = 2\sin(0.5y - 1.73) + 50\{104 \le y \le 137\}$$

241.

$$-x = 2\sin(0.5y - 1.73) + 50\{104 \le y \le 137\}$$

242.

▼ Complex

243.

$$y = \sqrt{-0.069x^2 + 50} \ + \cos(x) + 270$$

244.

$$y = -0.05x^2 + 5\cos(0.43y) + 400\{245.37 \le y \le 309\}$$

245.

$$y = -0.04(x-72.5)^2 + 6\cos(0.43y) + 193\{x \ge 38\}\{104 \le y \le 164\}$$

246.

$$y = -0.04(x+72.5)^2 + 6\cos(0.43y) + 193\{x \le -38\}\{104 \le y \le 164\}$$