Answers to

1) quadratic monomial
2) linear binomial
3) fourth degree trinomial
4) linear monomial
5) cubic monomial
6) quadratic monomial
7) cubic binomial
8) fourth degree polynomial with four terms
9) quadratic binomial
10) sixth degree polynomial with four terms
11) $-b^4 + 9b^3 + b^2$
12) $12m^4 + 2m + 3$
13) $4n^4 + 5n^3 - 10n^2$
14) $-4x^3 + 4x^2 + 8x$
15) $-a^4 + 2a^3 + 2a^2 + 5a - 4$
16) $-2x^4 - 8x^3 - 9x^2 + 10x$
17) $-4x^3 + 6x + 6$
18) $-16a^4 - a^2 - 7$
19) $-3n^4 + 13n^3 + 2n^2 + 7n$
20) $5p^4 - 2p^3 + 14p^2 - p - 2$
21) $-9x^4 + 12x^3 - 5x^2 - 3x - 5$
22) $2x^4 + 7x^3 + 5x^2 - 14x + 5$
23) $4r + 4$
24) $-42n^3 - 14n^2$
25) $-16k - 8$
26) $56n - 35$
27) $-3n^2 + 25n - 8$
28) $35x^2 - 58x + 24$
29) $-16k^2 + 14k + 15$
30) $-21n^2 + 50n - 25$
31) $-8n^3 - 6n + 4$
32) $-18x^3 + 48x^2 - 80x + 64$
33) $-10n^3 - 34n^2 + 59n - 21$
34) $-15r^3 - 48r^2 - 39r - 6$
35) $4x^4 + 13x^3 - 12x^2 + 10x - 25$
36) $-6n^4 + 24n^3 + 8n^2 - 70n + 40$
37) $4k^4 + 16k^3 + 3k^2 + 22k - 24$
38) $-14v^4 - 8v^3 + 71v^2 - 5v - 56$
39) $36x^2 - 25$
40) $1 - 49a^4$
41) $49n^2 - 1$
42) $36x^4 - 4$
43) $64 - 16v^2$
44) $9 - 49k^2$
45) $4b^2 - 20b + 25$
46) $4v^4 + 8v^2 + 4$
47) $9n^2 + 24n + 16$
48) $36n^2 - 84n + 49$
49) $64n^2 - 112n + 49$
50) $25n^4 + 20n^2 + 4$
51) $3x^5 + x^4 + 4x^3$
52) $x + \frac{3}{10} + \frac{2}{x}$
53) $\frac{p^4}{4} + \frac{5p^3}{8} + 5p^2$
54) $3x + 1 + \frac{1}{x}$
55) $3x^2 + \frac{x}{2} + 3$
56) $\frac{n^2}{2} + 2n + \frac{3}{4}$
57) $\frac{2}{3} + \frac{1}{2n} + \frac{5}{6n^2}$
58) $\frac{2x}{9} + \frac{1}{3} + \frac{3}{x}$
59) $4a^5 + a^4 + \frac{5a^3}{4}$
60) $\frac{3}{4} + \frac{2}{v} + \frac{1}{v^2}$
61) $5x + 1 + \frac{9}{x - 7}$
62) $6k + 7 + \frac{1}{k - 4}$
63) $2r - 3 - \frac{10}{r + 3}$
64) $8x - 10 - \frac{1}{x + 7}$
65) $2n - 1 + \frac{8}{n - 4}$
66) $5k + 7 - \frac{6}{k - 9}$
67) $2v - 10 + \frac{8}{v - 10}$
68) $9x - 2 + \frac{8}{x - 4}$
69) $n - 6 + \frac{8}{n - 8}$
70) $2a + 2 + \frac{6}{a - 9}$
71) $7k^3 - 6k^2 + 3k + 6 - \frac{2}{-7 + 5k}$
72) $n^3 + 6n^2 + 3n + 6 - \frac{5}{2n + 8}$
73) $5p^3 + 7 + \frac{6}{4p - 3}$
74) $v^3 + 9v^2 + 4v - 1 - \frac{10}{7 + 9v}$
75) $a^3 - 5a + 10 + \frac{5}{6 + 3a}$
76) $a^3 + a^2 - 2a - 9 + \frac{3}{a - 8}$
77) $x^3 - 2x^2 + 5x + 5 + \frac{1}{4x + 7}$
78) $x^3 - 5x^2 + 9x + 1 - \frac{1}{8 + 10x}$
79) $b^3 + 7b^2 + 6b + 1 + \frac{6}{8b + 5}$
80) $a^3 - 2a^2 + 8a + 3 + \frac{9}{5a + 7}$
81) $n^4 - 10n^3 + 2n^2 + 5n + 6 - \frac{1}{5n - 4}$
82) $x^4 + 3x^3 + 9x^2 - 7x - 1 - \frac{3}{-7 + 6x}$
83) $x^4 - 7x^3 + 10x^2 + x - 2 - \frac{3}{2x + 2}$
84) $p^4 - 3p^3 + 7p^2 + 6p + 2 + \frac{2}{5p - 3}$
85) $2x^4 + 2x^3 + 5 + \frac{1}{3x + 3}$
86) $n^4 + 2n^3 + 2n^2 + 2n + 5 + \frac{3}{6n - 7}$
87) $6x^4 - 3x^3 + 5x^2 + 10x - 10 + \frac{4}{3x + 5}$
88) $x^4 - x^3 - x^2 + 5x + 9 + \frac{6}{3x + 5}$
89) $n^4 - 4n^3 + 7n^2 + \frac{5}{6n - 9}$
90) $x^4 + 6x^3 + x^2 + 6x + 1 + \frac{8}{5x + 2}$
91) $5n - 5$
92) $5k + 9$
93) $2x + 5$
94) $-7x - 7$
95) $6x - 4$
96) $3b + 2$
97) $9x + 10$
98) $2v - 10$

99) $3n + 2$
100) $10n + 10$
101) $9n - 6$
102) $4k + 4$
103) $3a + 4$
104) $10a - 2$
105) $2k$
106) $10n$
107) $9x$
108) $2m + 2$
109) $9a - 9$
110) $8x + 5$
111) $p^2 + 9p + 3$
112) $8x^2 + 7x + 7$
113) $p^2 + 10p + 6$
114) $3x^2 - 8x + 2$
115) $10r^2 + 7r + 7$
116) $r^2 - 3r$
117) $n^2 + 10n - 4$
118) $k^2 + 7k$
119) $2m^2 + 8m$
120) $10r^2 + 6r - 3$
121) $x^4 + x^3 - 8x^2 + 10x + 3$
122) $r^4 - 8r^3 + 3r^2 - 8r + 3$
123) $n^4 + 10n + 6$
124) $x^4 - 3x^3 - 7x^2 - 7x + 1$
125) $x^4 + 3$
126) $4n^4 + 5n^3 + 5n^2 + 6n + 2$
127) $p^4 - 6$
128) $p^4 - 4p^3 + 3p^2 - 10p - 9$
129) $x^4 + 9x + 7$
130) $m^4 + 2m^3 - 4m^2 + m + 6$
131) $\{0, -1, 5\}$
132) $\{0, 5, -4\}$
133) $\{0, -5, -3\}$
134) $\{0, -1, -5\}$
135) $\{0, -5, 1\}$
136) $\{0, -4, -3\}$
137) $\{0, -1, 4\}$
138) $\{0, 5, -2\}$
139) $\{0, 4, 2\}$
140) $\{0, 5, -3\}$
141) $\left\{-1, \frac{1 + i\sqrt{3}}{2}, \frac{1 - i\sqrt{3}}{2}\right\}$
142) $\{3 + \sqrt{5}, 3 - \sqrt{5}\}$
143) $\{1 + 2i, 1 - 2i\}$
144) $\{i\sqrt{2}, -i\sqrt{2}, i\sqrt{6}, -i\sqrt{6}\}$
145) $\{2, -1 + i\sqrt{3}, -1 - i\sqrt{3}, -2, 1 + i\sqrt{3}, 1 - i\sqrt{3}\}$
146) $\{0, 3, \sqrt{2}, -\sqrt{2}\}$
147) $\{-4, 3\}$
148) $\{0, 3, -4\}$
149) $\{i\sqrt{3}, -i\sqrt{3}, \sqrt{5}, -\sqrt{5}, i\sqrt{5}, -i\sqrt{5}\}$
150) $\{3, -3, 2, -2\}$
151) $\{4, 3\}$
152) $\{-1 + \sqrt{43}, -1 - \sqrt{43}\}$
153) $\{i\sqrt{5}, -i\sqrt{5}, 3i, -3i\}$
154) $\left\{-3, \frac{3 + 3i\sqrt{3}}{2}, \frac{3 - 3i\sqrt{3}}{2}, -1, \frac{1 + i\sqrt{3}}{2}, \frac{1 - i\sqrt{3}}{2}\right\}$
155) $\{-4, i\sqrt{2}, -i\sqrt{2}\}$
156) $\{0, 2, -5\}$
157) $\left\{3, \frac{-3 + 3i\sqrt{3}}{2}, \frac{-3 - 3i\sqrt{3}}{2}\right\}$
158) $\{5, 2i, -2i\}$
159) $\{1, -1, 2i\sqrt{2}, -2i\sqrt{2}\}$
160) $\{2i\sqrt{2}, -2i\sqrt{2}, \sqrt{2}, -\sqrt{2}\}$
161) $\{0, i\sqrt{7}, -i\sqrt{7}, 3i, -3i\}$
162) $\{\sqrt{3}, -\sqrt{3}, i\sqrt{5}, -i\sqrt{5}\}$
163) $\{-3 + i, -3 - i\}$
164) $\left\{1, \frac{-1 + i\sqrt{3}}{2}, \frac{-1 - i\sqrt{3}}{2}, -5, \frac{5 + 5i\sqrt{3}}{2}, \frac{5 - 5i\sqrt{3}}{2}\right\}$
165) $\{-4, i, -i\}$
166) $\{-4 + \sqrt{41}, -4 - \sqrt{41}\}$
167) $\{0, 1 + 2i, 1 - 2i\}$
168) $\{3i, -3i, 2i\sqrt{2}, -2i\sqrt{2}\}$
169) $\{-2 \text{ mult. } 2\}$
170) $\{4, -4\}$
171) $(3 + x)(9 - 3x + x^2)$
172) $(1 - a)(1 + a + a^2)$
173) $(2 + x)(4 - 2x + x^2)$
174) $(x - 4)(x^2 + 4x + 16)$
175) $(x - 3)(x^2 + 3x + 9)$
176) $(3 - x)(9 + 3x + x^2)$
177) $(4 + x)(16 - 4x + x^2)$
178) $(a + 1)(a^2 - a + 1)$
179) $(x - 5)(x^2 + 5x + 25)$
180) $(5 + x)(25 - 5x + x^2)$
181) $(-3x - 4)(9x^2 - 12x + 16)$
182) $(-6u - 7)(36u^2 - 42u + 49)$
183) $(-3 + 5x)(9 + 15x + 25x^2)$
184) $(4a - 3)(16a^2 + 12a + 9)$
185) $(m - 3)(m^2 + 3m + 9)$
186) $(5m + 1)(25m^2 - 5m + 1)$
187) $3u(u + 7)(u^2 - 7u + 49)$
188) $(1 + 5x)(1 - 5x + 25x^2)$
189) $m(7m - 5)(49m^2 + 35m + 25)$
190) $3x(7 - x)(49 + 7x + x^2)$
191) $x(3x - 4)(9x^2 + 12x + 16)$
192) $(5m - 1)(25m^2 + 5m + 1)$
193) $(7u + 6)(49u^2 - 42u + 36)$
194) $x(7 - 4x)(49 + 28x + 16x^2)$
195) $x^2(4x + 5)(16x^2 - 20x + 25)$
196) $(1 - 6x)(1 + 6x + 36x^2)$
197) $(6 - 5x)(36 + 30x + 25x^2)$
198) $(-6 - x)(36 - 6x + x^2)$
199) $m^2(6m + 5)(36m^2 - 30m + 25)$
200) $4x(6 + 5x)(36 - 30x + 25x^2)$
201) $x(-5x^2 - 3y^2)(25x^4 - 15x^2y^2 + 9y^4)$
202) $(5m^2 - 7n^2)(25m^4 + 35m^2n^2 + 49n^4)$
203) $m(2m^2 + 5n^2)(4m^4 - 10m^2n^2 + 25n^4)$
204) $y^2(2x^2 - 5y^2)(4x^4 + 10x^2y^2 + 25y^4)$
205) $4b(4a^2 - 5b^2)(16a^4 + 20a^2b^2 + 25b^4)$
206) $b(5u^2 - 4v^2)(25u^4 + 20u^2v^2 + 16v^4)$
207) $4y(x^2 - 2y^2)(x^4 + 2x^2y^2 + 4y^4)$
208) $(-6a^2 + 7b^2)(36a^4 + 42a^2b^2 + 49b^4)$
209) $(5x^2 - 4y^2)(25x^4 + 20x^2y^2 + 16y^4)$
210) $(3a^2 - 7b^2)(9a^4 + 21a^2b^2 + 49b^4)$
211) $2y(-7x^2 + 6y^2)(49x^4 + 42x^2y^2 + 36y^4)$
212) $(x^2 - 5y^2)(x^4 + 5x^2y^2 + 25y^4)$

213) $4x(2m^2 + 5n^2)(4m^4 - 10m^2n^2 + 25n^4)$

214) $a(x - 2y)(x + 2y)(x^4 + 4x^2y^2 + 16y^4)$

215) $(-3m^2 + 4n^2)(9m^4 + 12m^2n^2 + 16n^4)$

216) $4k^2(-4m^2 - 5n^2)(16m^4 - 20m^2n^2 + 25n^4)$

217) $(4x^2 + 3y^2)(16x^4 - 12x^2y^2 + 9y^4)$

218) $u(-2u^2 + 5v^2)(4u^4 + 10u^2v^2 + 25v^4)$

219) $(2x^2 + 7y^2)(4x^4 - 14x^2y^2 + 49y^4)$

220) $px(-7x^2 - 3y^2)(49x^4 - 21x^2y^2 + 9y^4)$

221) Possible rational zeros:
$0, \pm 1, \pm 2, \pm 4, \pm 5, \pm 10, \pm 20$
Factors to: $f(x) = x(x + 4)(x - 5)$
Zeros: $\{0, -4, 5\}$

222) Possible rational zeros: $0, \pm 1, \pm 5, \pm 25$
Factors to: $f(x) = x(x - 5)^2$
Zeros: $\{0, 5 \text{ mult. } 2\}$

223) Possible rational zeros: $0, \pm 1, \pm 3, \pm 5, \pm 15$
Factors to: $f(x) = x(x - 5)(x + 3)$
Zeros: $\{0, 5, -3\}$

224) Possible rational zeros:
$0, \pm 1, \pm 2, \pm 3, \pm 4, \pm 6, \pm 12$
Factors to: $f(x) = x(x + 3)(x + 4)$
Zeros: $\{0, -3, -4\}$

225) Possible rational zeros: $0, \pm 1, \pm 3, \pm 5, \pm 15$
Factors to: $f(x) = x(x + 3)(x + 5)$
Zeros: $\{0, -3, -5\}$

226) Possible rational zeros: $0, \pm 1, \pm 3, \pm 5, \pm 15$
Factors to: $f(x) = x(x + 5)(x - 3)$
Zeros: $\{0, -5, 3\}$

227) Possible rational zeros: $\pm 1, \pm 7$
Factors to: $f(x) = (x + 7)(x - 1)^2$
Zeros: $\{-7, 1 \text{ mult. } 2\}$

228) Possible rational zeros: $\pm 1, \pm 5$
Factors to: $f(x) = (x + 5)(x - 1)(x + 1)$
Zeros: $\{-5, 1, -1\}$

229) Possible rational zeros: $\pm 1, \pm 7$
Factors to: $f(x) = (x - 1)(x - 7)(x + 1)$
Zeros: $\{1, 7, -1\}$

230) Possible rational zeros: $\pm 1, \pm 11$
Factors to: $f(x) = (x + 11)(x + 1)(x - 1)$
Zeros: $\{-11, -1, 1\}$

231) Possible rational zeros: $\pm 1, \pm 2$
Factors to: $f(x) = (x + 2)(x - 1)^2$
Zeros: $\{-2, 1 \text{ mult. } 2\}$

232) Possible rational zeros: $\pm 1, \pm 2$
Factors to: $f(x) = (x - 2)(x + 1)^2$
Zeros: $\{2, -1 \text{ mult. } 2\}$

233) Possible rational zeros: $\pm 1, \pm 2$
Factors to: $f(x) = (x - 1)^2(x - 2)$
Zeros: $\{1 \text{ mult. } 2, 2\}$

234) Possible rational zeros: $\pm 1, \pm 7$
Factors to: $f(x) = (x - 1)^2(x - 7)$
Zeros: $\{1 \text{ mult. } 2, 7\}$

235) Possible rational zeros: $\pm 1, \pm 2$
Factors to: $f(x) = (x + 1)^2(x + 2)$
Zeros: $\{-1 \text{ mult. } 2, -2\}$

236) Possible rational zeros: $\pm 1, \pm 3$
Factors to: $f(x) = (x + 3)(x + 1)^2$
Zeros: $\{-3, -1 \text{ mult. } 2\}$

237) Possible rational zeros: $0, \pm 1, \pm 3$
Zeros: $\{0, -3, 1 \text{ mult. } 2\}$

238) Possible rational zeros: $0, \pm 1, \pm 13$
Zeros: $\{0, -13, 1, -1\}$

239) Possible rational zeros: $0, \pm 1, \pm 5$
Zeros: $\{0, -5, -1 \text{ mult. } 2\}$

240) Possible rational zeros: $0, \pm 1, \pm 2$
Zeros: $\{0, 2, -1 \text{ mult. } 2\}$

241) Possible rational zeros: $0, \pm 1, \pm 7$
Zeros: $\{0, 7, -1 \text{ mult. } 2\}$

242) Possible rational zeros: $0, \pm 1, \pm 13$
Zeros: $\{0, 1 \text{ mult. } 2, -13\}$

243) Possible rational zeros: $0, \pm 1, \pm 5$
Zeros: $\{0, 1 \text{ mult. } 2, 5\}$

244) Possible rational zeros: $0, \pm 1, \pm 7$
Zeros: $\{0, -7, 1, -1\}$

245) Possible rational zeros: $0, \pm 1, \pm 13$
Zeros: $\{0, 13, -1 \text{ mult. } 2\}$

246) Possible rational zeros: $0, \pm 1, \pm 3$
Zeros: $\{0, 3, 1 \text{ mult. } 2\}$

247) $(x + 1)(x - 1)(x - 2)(x + 3)$

248) $(x + 1)(x + 2)(x - 2)(x + 3)$

249) $(x + 2)(x + 4)(x - 3)(x + 3)$

250) $(x + 3)(x + 4)(x + 5)(x + 6)$

251) $(x + 3)^4$

252) $(x + 2)^2 \cdot (x + 3)^2$

253) $(x - 5)^2(x - 6)(x - 7)$

254) $(x - 3)(x + 3)(x - 4)(x + 4)$

255) $(2x - 1)(x + 1)(x - 4)(x + 4)$

256) $(2x + 1)(x - 1)(x + 3)(x - 6)$

257) $(2x + 3)(x - 3)(x + 3)(x - 5)$

258) $(3x + 2)(x - 2)^2(x + 2)$

259) $(5x + 1)(x + 5)^2(x - 3)$

260) $(2x + 1)(2x - 1)(x + 2)(x + 3)$

261) $(3x + 1)(2x - 3)(x - 1)(x + 3)$

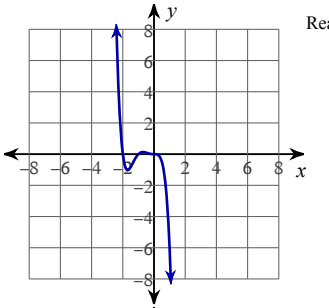
262) $(3x + 1)^2(x - 3)(x + 3)$

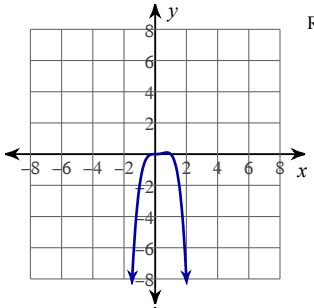
263) $(3x + 2)(3x - 2)(x + 3)(x - 3)$

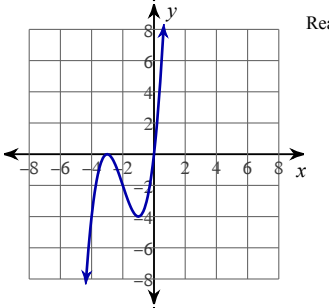
264) $(2x + 1)(2x - 1)(3x - 1)(3x + 2)$

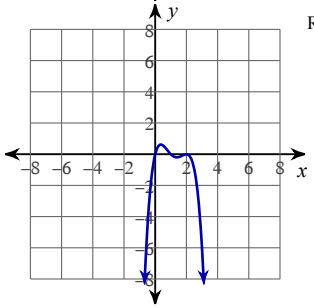
265) $(2x + 1)^2(3x - 5)(3x + 2)$

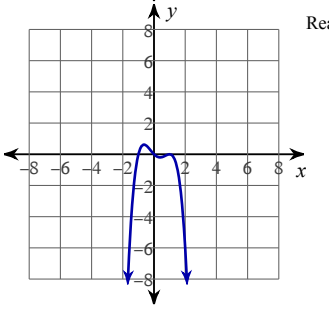
266) $(2x + 3)(2x - 5)(5x - 1)(3x + 7)$

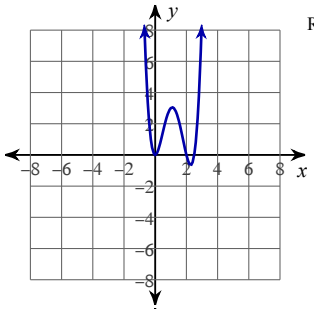
267)  Real zeros: $\{0 \text{ mult. } 3, -2, -1\}$

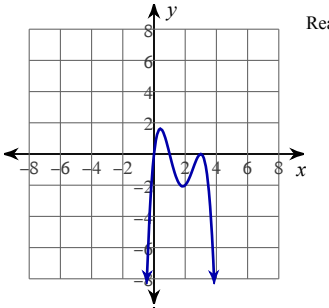
268)  Real zeros: $\{0 \text{ mult. } 3, 1\}$

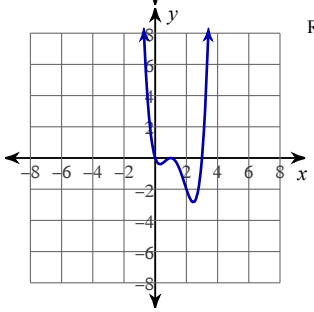
269)  Real zeros: $\{0, -3 \text{ mult. } 2\}$

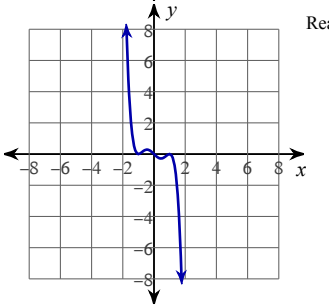
270)  Real zeros: $\{0, 2 \text{ mult. } 2, 1\}$

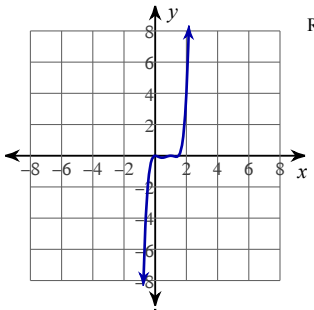
271)  Real zeros: $\{0, 1 \text{ mult. } 2, -1\}$

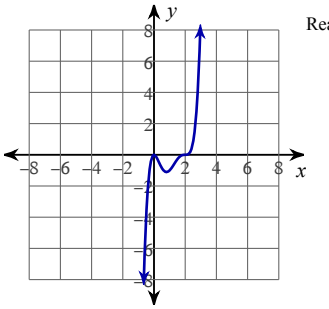
272)  Real zeros: $\left\{0 \text{ mult. } 2, 2, \frac{5}{2}\right\}$

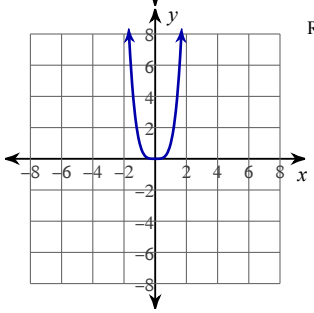
273)  Real zeros: $\{0, 3 \text{ mult. } 2, 1\}$

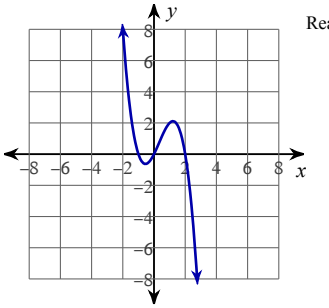
274)  Real zeros: $\{0, 3, 1 \text{ mult. } 2\}$

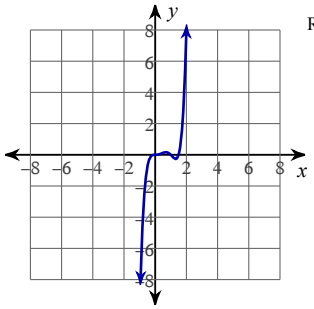
275)  Real zeros: $\{0, 1 \text{ mult. } 2, -1 \text{ mult. } 2\}$

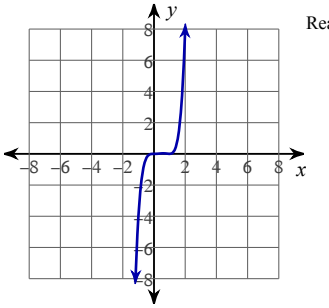
276)  Real zeros: $\left\{0 \text{ mult. } 2, 1 \text{ mult. } 2, \frac{3}{2}\right\}$

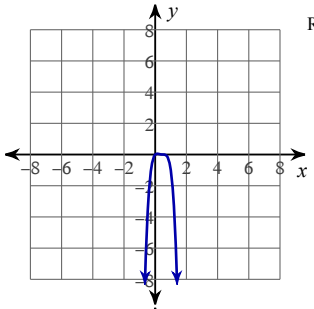
277)  Real zeros: $\{0 \text{ mult. } 2, 2 \text{ mult. } 3\}$

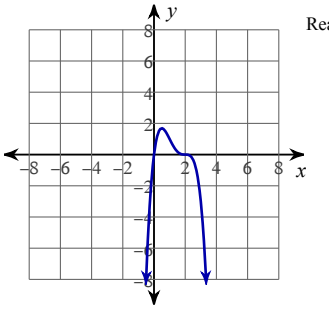
278)  Real zeros: $\{0 \text{ mult. } 4\}$

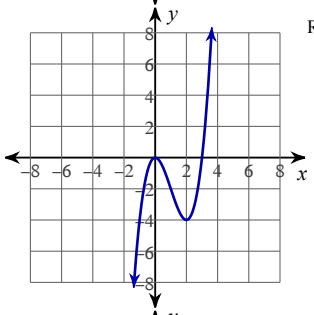
279)  Real zeros: $\{0, 2, -1\}$

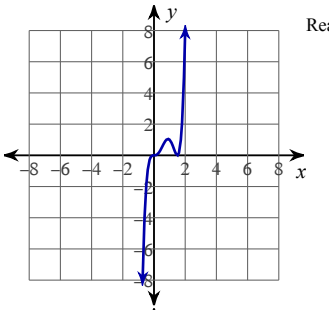
280)  Real zeros: $\left\{0 \text{ mult. } 3, 1, \frac{3}{2}\right\}$

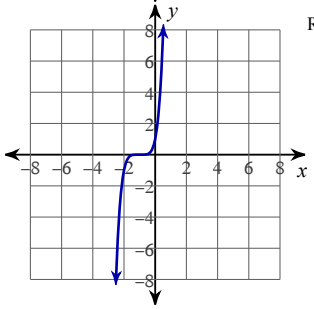
281)  Real zeros: $\{0 \text{ mult. } 3, 1 \text{ mult. } 2\}$

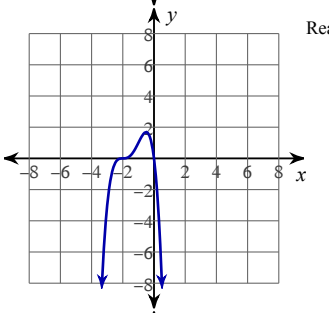
282)  Real zeros: $\left\{0, \frac{1}{2} \text{ mult. } 3\right\}$

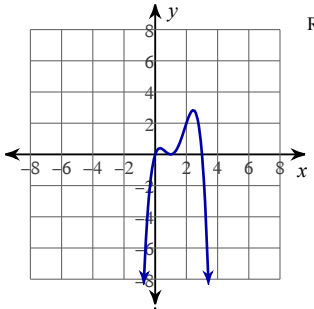
283)  Real zeros: $\{0, 2 \text{ mult. } 3\}$

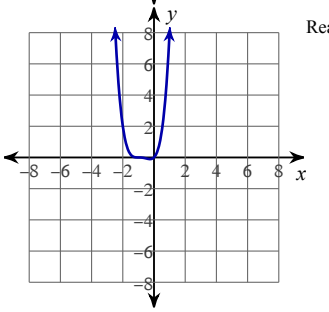
284)  Real zeros: $\{0 \text{ mult. } 2, 3\}$

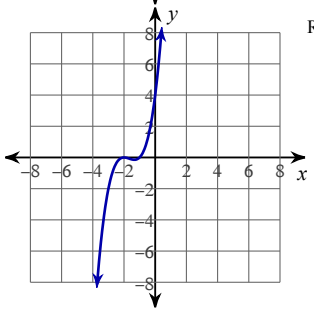
285)  Real zeros: $\left\{0 \text{ mult. } 3, \frac{3}{2} \text{ mult. } 2\right\}$

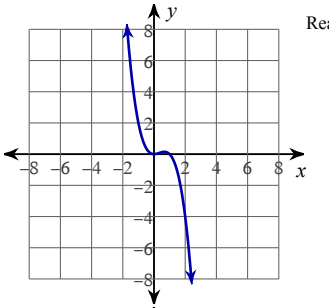
286)  Real zeros: $\{-1 \text{ mult. } 5\}$

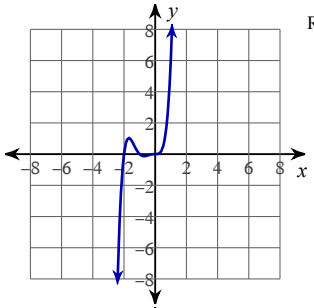
287)  Real zeros: $\{0, -2 \text{ mult. } 3\}$

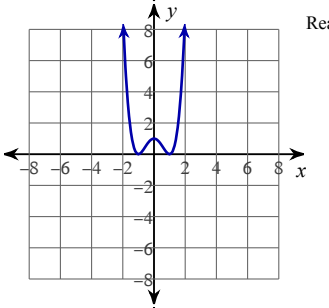
288)  Real zeros: $\{0, 3, 1 \text{ mult. } 2\}$

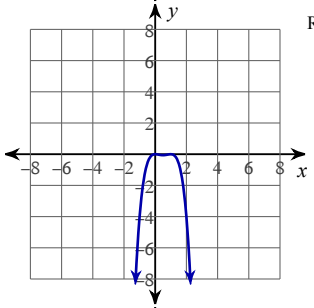
289)  Real zeros: $\{0, -1 \text{ mult. } 3\}$

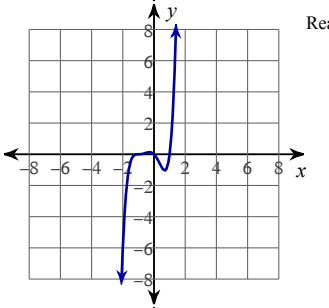
290)  Real zeros: $\{-2 \text{ mult. } 2, -1\}$

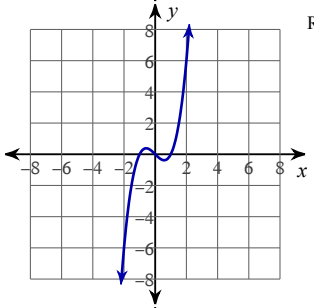
291)  Real zeros: {0 mult. 2, 1}

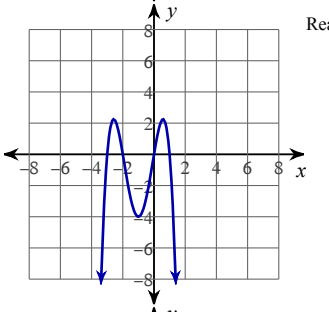
292)  Real zeros: {0 mult. 3, −2, −1}

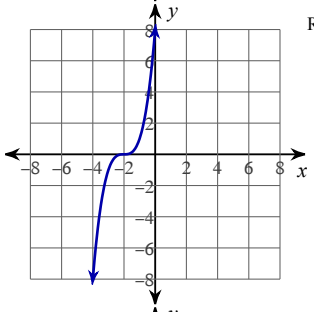
293)  Real zeros: {1 mult. 2, −1 mult. 2}

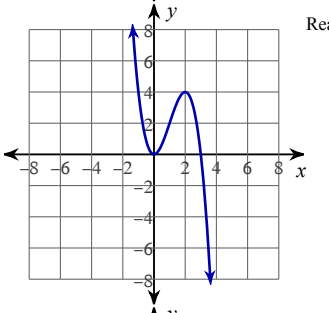
294)  Real zeros: {0 mult. 2, 1 mult. 2}

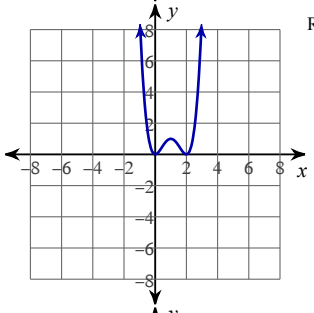
295)  Real zeros: {0, 1, −1 mult. 3}

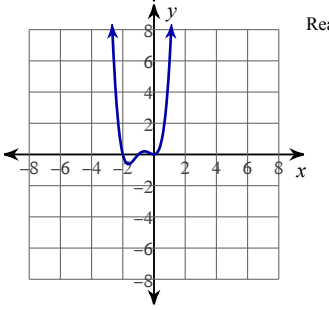
296)  Real zeros: {0, 1, −1}

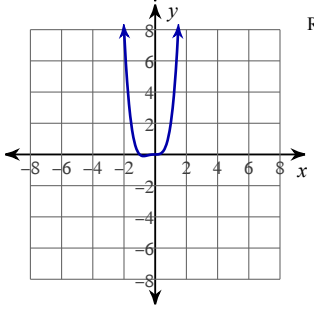
297)  Real zeros: {0, 1, −3, −2}

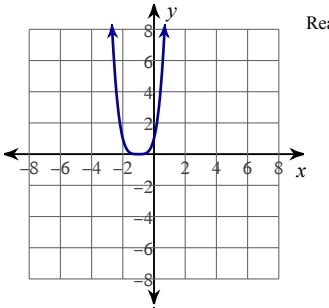
298)  Real zeros: {−2 mult. 3}

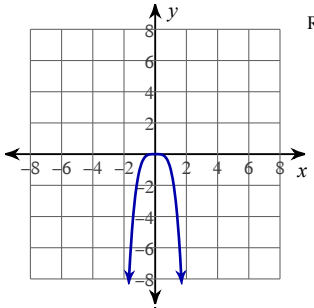
299)  Real zeros: {0 mult. 2, 3}

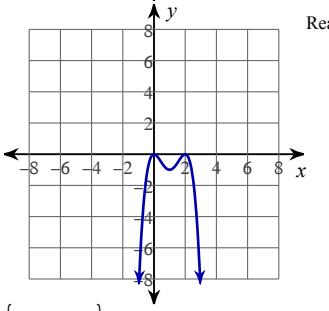
300)  Real zeros: {0 mult. 2, 2 mult. 2}

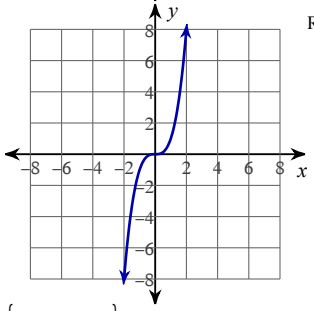
301)  Real zeros: {0 mult. 2, −2, −1}

302)  Real zeros: {0 mult. 3, −1}

303)  Real zeros: $\{-1 \text{ mult. } 4\}$

304)  Real zeros: $\{0 \text{ mult. } 4\}$

305)  Real zeros: $\{0 \text{ mult. } 2, 2 \text{ mult. } 2\}$

306)  Real zeros: $\{0 \text{ mult. } 3\}$

307) $\{-1, -3\}$

308) $\{40, -40\}$

309) $\{10, -10\}$

310) $\{21, -21\}$

311) $\{8, -8\}$

312) $\{1, -1\}$

313) $\{6, -2\}$

314) $\{-8, 8\}$

315) $\{-8, -10\}$

316) $\{4, -4\}$

317) $\{32, -32\}$

318) $\{7, -7\}$

319) $\{10, -10\}$

320) $\{2, -2\}$

321) $\{-5, 5\}$

322) $\{-1, -5\}$

323) No solution.

324) $\{-9, 9\}$

325) $\{3, -3\}$

326) $\{20, -20\}$

327) $\{2, -14\}$

328) $\{-9, 1\}$

329) $\left\{\frac{4}{3}, -\frac{4}{3}\right\}$

330) No solution.

331) $\{10, -10\}$

332) No solution.

333) $\{-26, 10\}$

334) $\{-2, 2\}$

335) $\{8, -8\}$

336) $\{8, -8\}$

337) $\left\{0, -\frac{10}{7}\right\}$

338) $\left\{\frac{2}{3}, 2\right\}$

339) $\left\{5, -\frac{3}{2}\right\}$

340) $\left\{-\frac{14}{5}, 0\right\}$

341) $\{4, -11\}$

342) $\{1, -5\}$

343) $\left\{1, -\frac{5}{2}\right\}$

344) $\left\{\frac{5}{3}, 1\right\}$

345) $\{5, -3\}$

346) $\left\{1, -\frac{29}{9}\right\}$

347) $\left\{\frac{27}{5}, -\frac{97}{5}\right\}$

348) $\left\{\frac{9}{2}, -\frac{13}{6}\right\}$

349) $\{-1\}$

350) $\{6, -6\}$

351) $\{-7, 7\}$

352) $\left\{\frac{11}{2}, -\frac{11}{2}\right\}$

353) $\left\{0, -\frac{72}{7}\right\}$

354) $\left\{\frac{11}{4}, -\frac{3}{4}\right\}$

355) $\left\{\frac{8}{5}, \frac{7}{5}\right\}$

356) $\left\{\frac{4}{5}, -\frac{4}{5}\right\}$

357) $\left\{-\frac{31}{14}, \frac{7}{2}\right\}$

358) $\left\{\frac{35}{18}, -\frac{1}{2}\right\}$

359) $\left\{-\frac{16}{9}, \frac{557}{207}\right\}$

360) $\left\{\frac{113}{30}, \frac{2}{5}\right\}$

361) $\left\{\frac{4}{3}, -\frac{11}{3}\right\}$

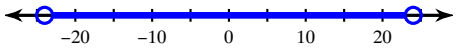
362) $\left\{-\frac{23}{7}, \frac{705}{91}\right\}$

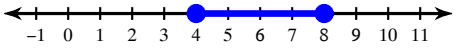
363) $\left\{\frac{383}{465}, -\frac{6}{5}\right\}$

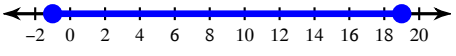
364) $\left\{\frac{11}{185}, -\frac{3}{5}\right\}$

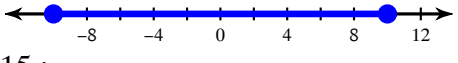
365) $\left\{\frac{9}{2}, -\frac{19}{2}\right\}$

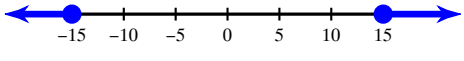
366) $\left\{\frac{4}{9}, -\frac{1163}{126}\right\}$

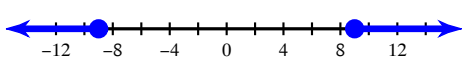
367) $-24 < b < 24$: 

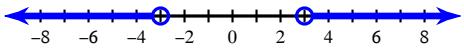
368) $4 \le x \le 8$: 

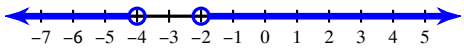
369) $-1 \le k \le 19$: 

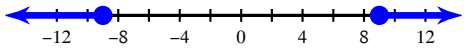
370) $-10 \le x \le 10$: 

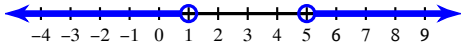
371) $n \ge 15$ or $n \le -15$: 

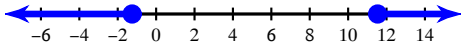
372) $n \geq 9$ or $n \leq -9$: 

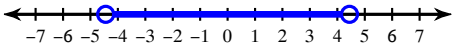
373) $r < -3$ or $r > 3$: 

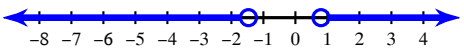
374) $x > -2$ or $x < -4$: 

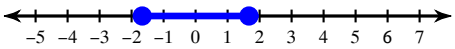
375) $x \leq -9$ or $x \geq 9$: 

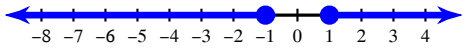
376) $r > 5$ or $r < 1$: 

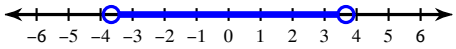
377) $k \geq \frac{323}{28}$ or $k \leq -\frac{5}{4}$: 

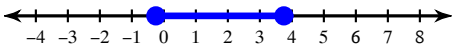
378) $-\frac{40}{9} < n < \frac{40}{9}$: 

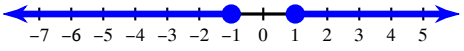
379) $p > \frac{4}{5}$ or $p < -\frac{22}{15}$: 

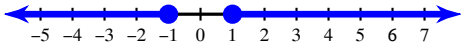
380) $-\frac{5}{3} \leq p \leq \frac{5}{3}$: 

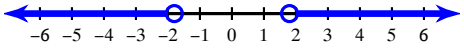
381) $x \leq -1$ or $x \geq 1$: 

382) $-\frac{11}{3} < p < \frac{11}{3}$: 

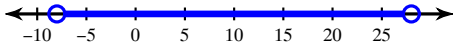
383) $-\frac{1}{4} \leq k \leq \frac{15}{4}$: 

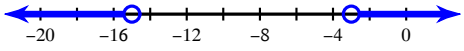
384) $v \geq 1$ or $v \leq -1$: 

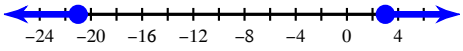
385) $r \leq -1$ or $r \geq 1$: 

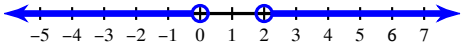
386) $v > \frac{9}{5}$ or $v < -\frac{9}{5}$: 

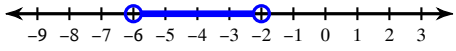
387) $-6 < a < 6$: 

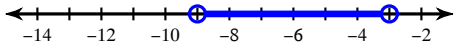
388) $-8 < k < 28$: 

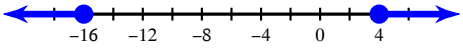
389) $m > -3$ or $m < -15$: 

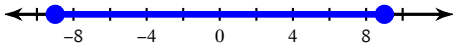
390) $b \geq 3$ or $b \leq -21$: 

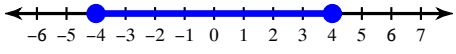
391) $b > 2$ or $b < 0$: 

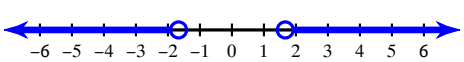
392) $-6 < x < -2$: 

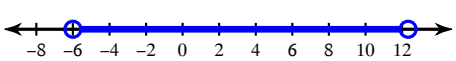
393) $-9 < x < -3$: 

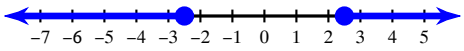
394) $x \geq 4$ or $x \leq -16$: 

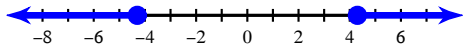
395) $-9 \leq p \leq 9$: 

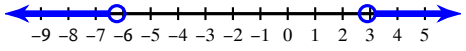
396) $-4 \leq p \leq 4$: 

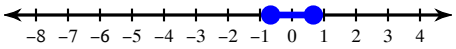
397) $k < -\frac{5}{3}$ or $k > \frac{5}{3}$: 

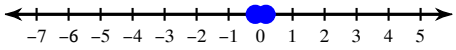
398) $-6 < m < \frac{37}{3}$: 

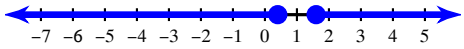
399) $n \geq \frac{5}{2}$ or $n \leq -\frac{5}{2}$: 

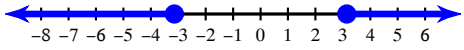
400) $m \geq \frac{43}{10}$ or $m \leq -\frac{43}{10}$: 

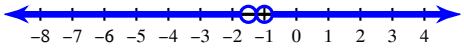
401) $k > \frac{29}{10}$ or $k < -\frac{187}{30}$: 

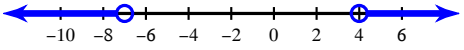
402) $-\frac{2}{3} \leq r \leq \frac{2}{3}$: 

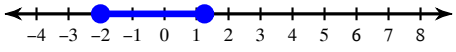
403) $-\frac{1}{6} \leq p \leq \frac{1}{6}$: 

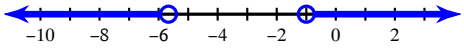
404) $m \geq \frac{8}{5}$ or $m \leq \frac{2}{5}$: 

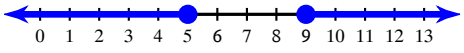
405) $x \leq -\frac{22}{7}$ or $x \geq \frac{22}{7}$: 

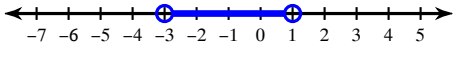
406) $x > -1$ or $x < -\frac{3}{2}$: 

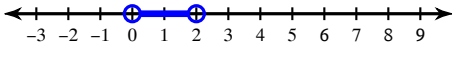
407) $k > 4$ or $k < -7$: 

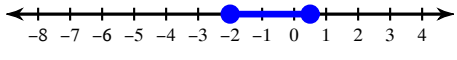
408) $-2 \leq v \leq \frac{5}{4}$: 

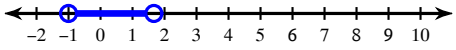
409) $r > -1$ or $r < -\frac{17}{3}$: 

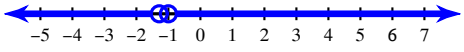
410) $b \geq 9$ or $b \leq 5$: 

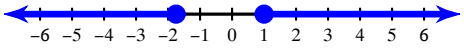
411) $-3 < x < 1$: 

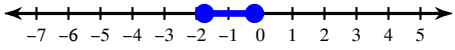
412) $0 < b < 2$: 

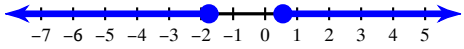
413) $-2 \leq x \leq \frac{1}{2}$: 

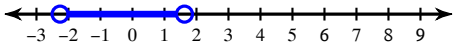
414) $-1 < v < \frac{5}{3}$: 

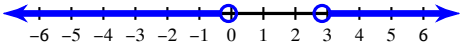
415) $x > -1$ or $x < -\frac{9}{7}$: 

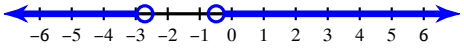
416) $b \geq 1$ or $b \leq -\frac{7}{4}$: 

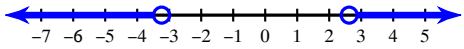
417) $-\frac{7}{4} \leq k \leq -\frac{23}{124}$: 

418) $x \leq -\frac{79}{45}$ or $x \geq \frac{5}{9}$: 

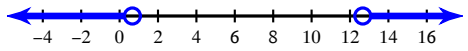
419) $-\frac{199}{88} < x < \frac{13}{8}$: 

420) $n > \frac{17}{6}$ or $n < -\frac{19}{210}$: 

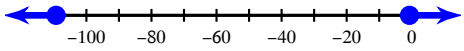
421) $x < -\frac{19}{7}$ or $x > -\frac{17}{35}$: 

422) $r > \frac{21}{8}$ or $r < -\frac{1269}{392}$: 

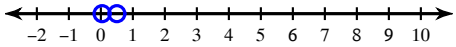
423) $n < \frac{2}{3}$ or $n > \frac{38}{3}$:



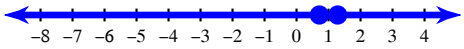
424) $r \geq -\frac{7}{10}$ or $r \leq -\frac{1093}{10}$:



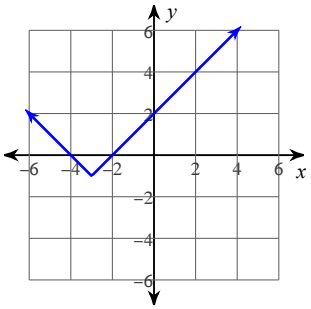
425) $\frac{1}{26} < x < \frac{1}{2}$:



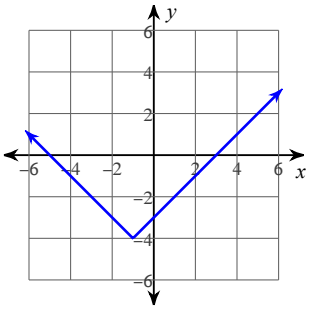
426) $x \geq \frac{9}{7}$ or $x \leq \frac{5}{7}$:



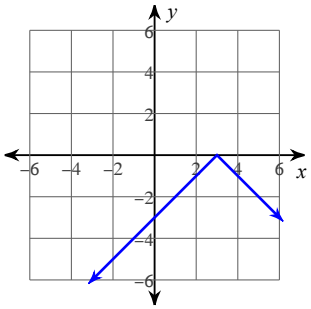
427)



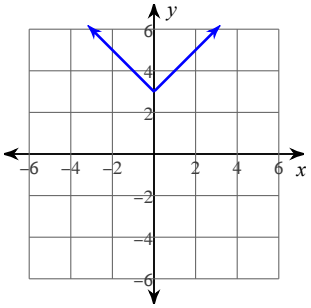
428)



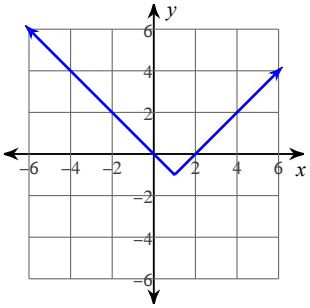
429)



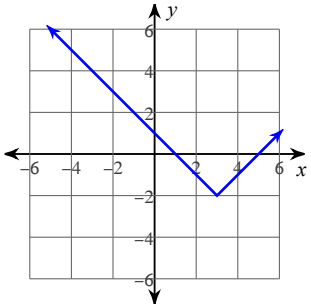
430)



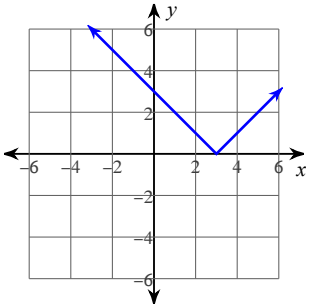
431)



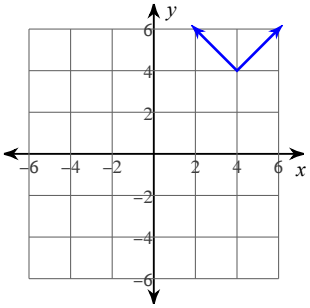
432)



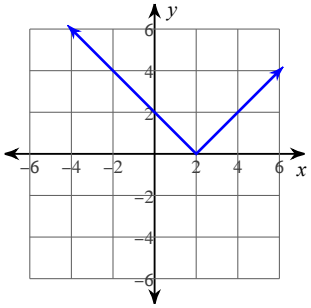
433)



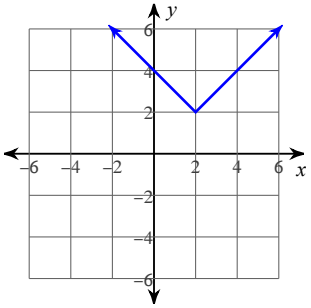
434)



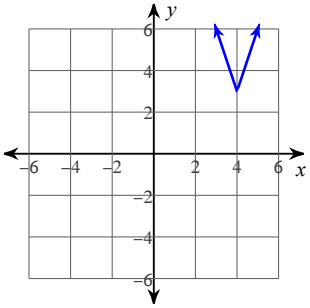
435)



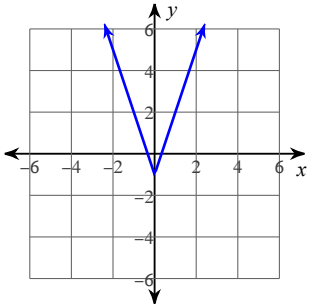
436)



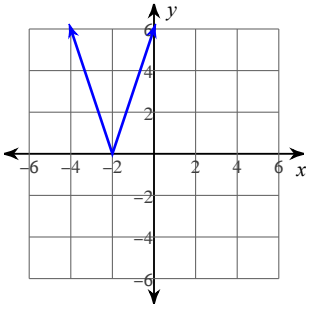
437)



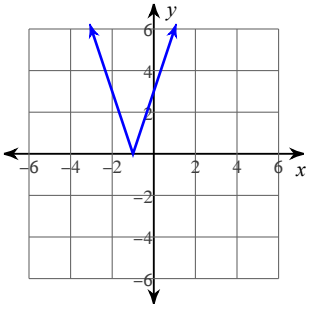
438)



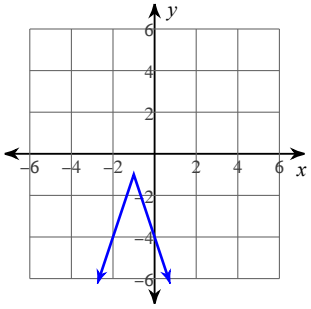
439)



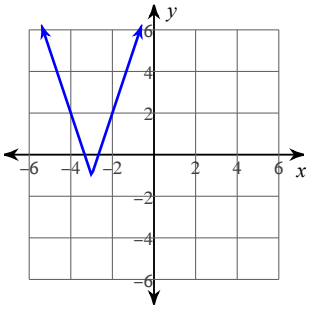
440)



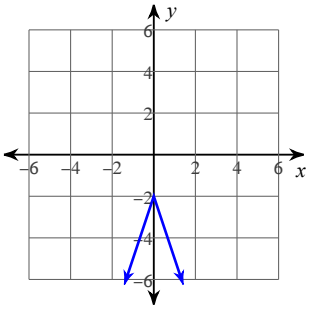
441)



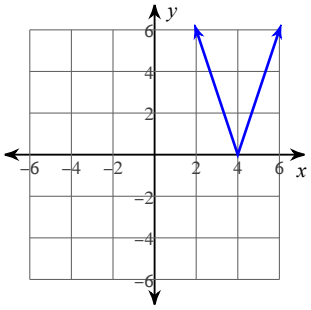
442)



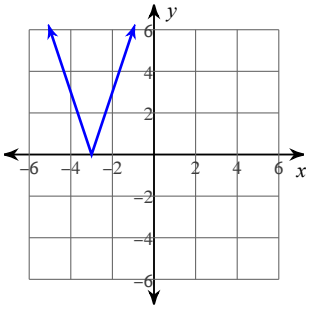
443)



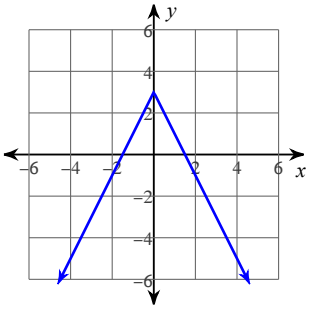
444)



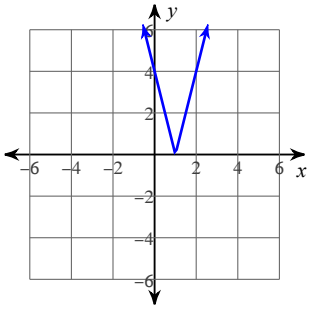
445)



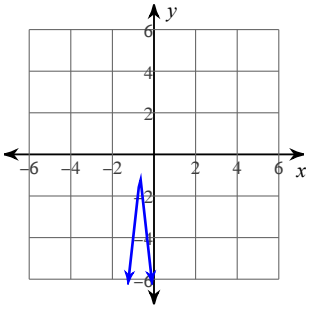
446)



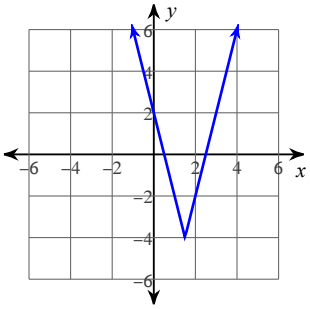
447)



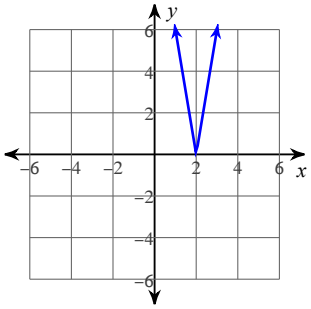
448)



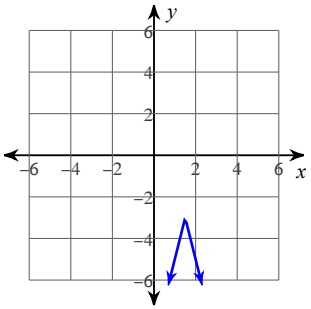
449)



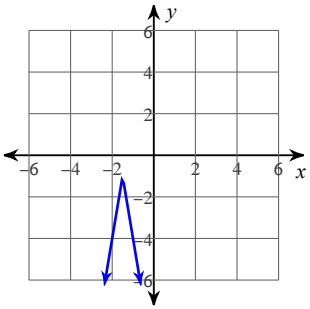
450)



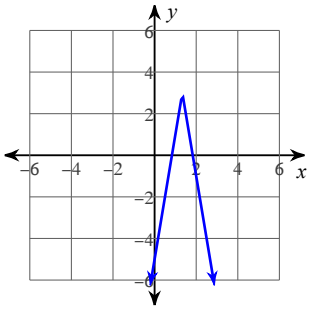
451)



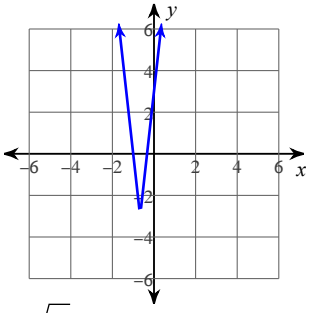
452)



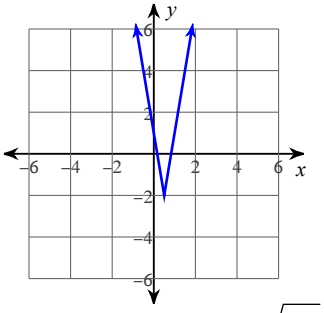
453)



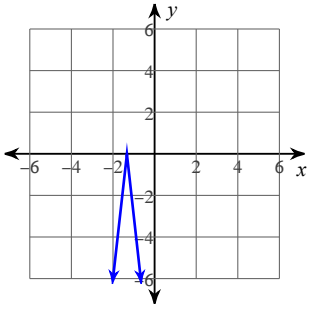
454)



455)



456)



457) $2\sqrt{2}$

458) 5

459) $2\sqrt{17}$

460) 10

461) $2\sqrt{5}$

462) $2\sqrt{41}$

463) $4\sqrt{5}$

464) $2\sqrt{34}$

465) 1

466) $\sqrt{74}$

467) $2\sqrt{10}$

468) $9\sqrt{2}$

469) $\sqrt{41}$

470) $2\sqrt{13}$

471) $\sqrt{2}$

472) $2\sqrt{26}$

473) $\sqrt{61}$

474) $\sqrt{37}$

475) $2\sqrt{5}$

476) $3\sqrt{13}$

477) $\frac{1}{a-1}$; $\{1, -5\}$

478) $\frac{9}{5a+6}$; $\left\{-\frac{6}{5}\right\}$

479) $\frac{5r+4}{2}$; $\{0\}$

480) $\frac{1}{10}$; $\{-6\}$

481) $\frac{5n+6}{3n}$; $\{0\}$

482) $\frac{5x+7}{6x}$; $\{0\}$

483) $\frac{3r-7}{7r}$; $\{0\}$

484) $x-6$; $\{-8\}$

485) $\frac{7a+4}{8}$; $\{0\}$

486) $7b$; $\{4\}$

487) $\frac{1}{3k-8}$; $\left\{2, \frac{8}{3}\right\}$

488) $\frac{1}{7r+1}$; $\left\{-4, -\frac{1}{7}\right\}$

489) $\frac{10}{5p+9}$; $\left\{0, -\frac{9}{5}\right\}$

490) $\frac{2(v+2)}{7}$; No excluded values.

491) $\frac{5x+3}{5x^2}$; $\{0\}$

492) $\frac{5}{2(n+2)}$; $\{-2\}$

493) $5n$; $\{2\}$

494) $\frac{5m-9}{2}$; No excluded values.

495) $\frac{6a^2}{5a+4}$; $\left\{0, -\frac{4}{5}\right\}$

496) $\frac{7n}{5(n-1)}$; $\{1\}$

497) $\frac{1}{3}$; $\{8\}$

498) $\frac{10r}{5r-2}$; $\left\{\frac{2}{5}, -10\right\}$

499) $\frac{5k-6}{2k-1}$; $\left\{\frac{1}{2}\right\}$

500) $\frac{9p}{7p-10}$; $\left\{4, \frac{10}{7}\right\}$

501) $\frac{3r-4}{2(r-2)}$; $\{2\}$

502) $\frac{7n+3}{3}$; $\{10\}$

503) $\frac{5x+1}{2x-1}$; $\left\{2, \frac{1}{2}\right\}$

504) $\frac{m+2}{-m+5}$; $\{8, 5\}$

505) $\frac{5(k-2)}{8k^2}$; $\{0, 3\}$

506) $\frac{4n}{n+4}$; $\{-10, -4\}$

507) $\frac{6(n-5)}{2n+3}$; $\left\{0, 5, -\frac{3}{2}\right\}$

508) $\frac{7(b-1)}{7b-8}$; $\left\{1, \frac{8}{7}\right\}$

509) $\frac{2}{r(r-1)}$; $\{0, 1, -8\}$

510) $\frac{5b+6}{(5b-4)(b+2)}$; $\left\{0, \frac{4}{5}, -2\right\}$

511) $\frac{3b+4}{3(b-1)}$; $\{0, 1, -7\}$

512) $\frac{3n(n+1)}{3n+5}$; $\left\{4, -\frac{5}{3}\right\}$

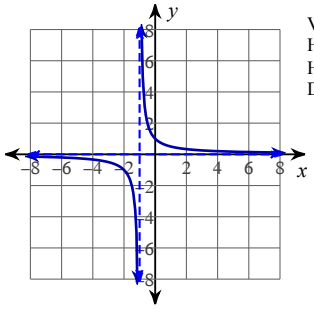
513) $\frac{3(7v-8)}{7(v-2)}$; $\{0, 5, 2\}$

514) $\frac{x(7x+5)}{5(x+1)}$; $\{9, -1\}$

515) $\frac{5k+6}{5(k+2)}$; $\{9, -2\}$

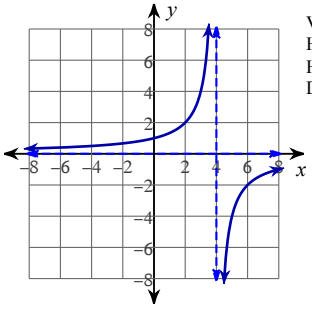
516) $\frac{2n+7}{2(3n-4)}$; $\left\{1, \frac{4}{3}\right\}$

517)



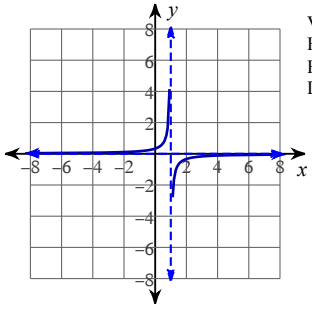
Vertical Asym.: $x = -1$
Holes: None
Horz. Asym.: $y = 0$
Domain:
All reals except -1

518)



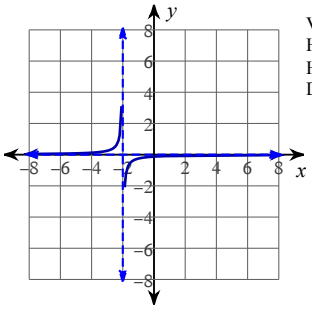
Vertical Asym.: $x = 4$
Holes: None
Horz. Asym.: $y = 0$
Domain:
All reals except 4

519)



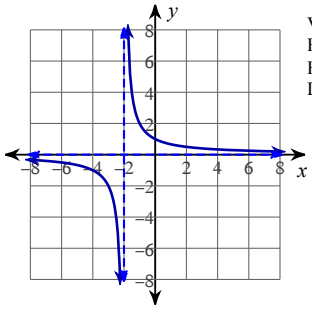
Vertical Asym.: $x = 1$
Holes: None
Horz. Asym.: $y = 0$
Domain:
All reals except 1

520)



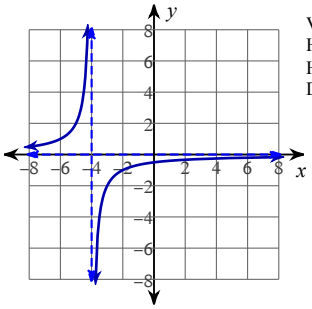
Vertical Asym.: $x = -2$
Holes: None
Horz. Asym.: $y = 0$
Domain:
All reals except −2

521)



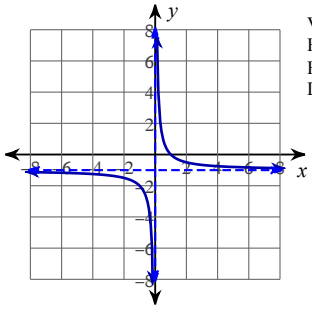
Vertical Asym.: $x = -2$
Holes: None
Horz. Asym.: $y = 0$
Domain:
All reals except −2

522)



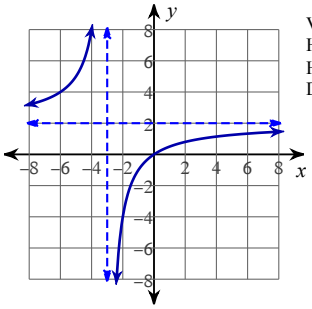
Vertical Asym.: $x = -4$
Holes: None
Horz. Asym.: $y = 0$
Domain:
All reals except −4

523)



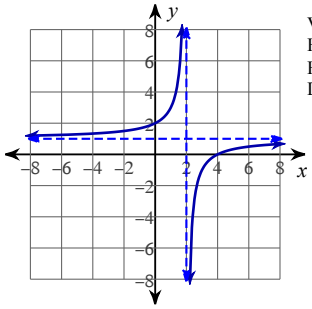
Vertical Asym.: $x = 0$
Holes: None
Horz. Asym.: $y = -1$
Domain:
All reals except 0

524)



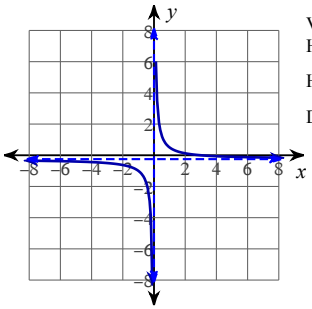
Vertical Asym.: $x = -3$
Holes: None
Horz. Asym.: $y = 2$
Domain:
All reals except −3

525)



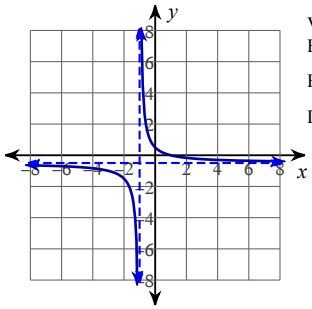
Vertical Asym.: $x = 2$
Holes: None
Horz. Asym.: $y = 1$
Domain:
All reals except 2

526)



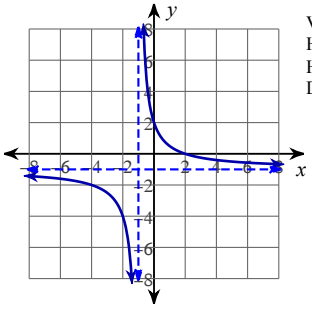
Vertical Asym.: $x = 0$
Holes: None
Horz. Asym.: $y = -\frac{1}{4}$
Domain:
All reals except 0

527)



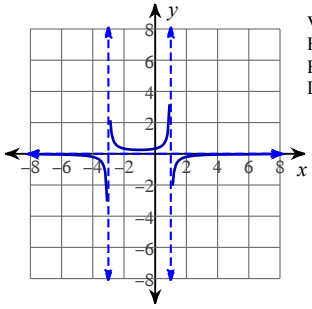
Vertical Asym.: $x = -1$
Holes: None
Horz. Asym.: $y = -\frac{1}{2}$
Domain:
All reals except −1

528)



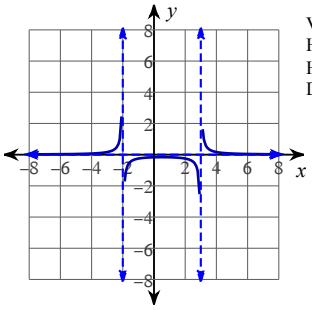
Vertical Asym.: $x = -1$
Holes: None
Horz. Asym.: $y = -1$
Domain:
All reals except -1

529)



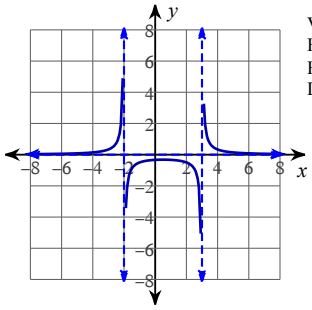
Vertical Asym.: $x = 1$, $x = -3$
Holes: None
Horz. Asym.: $y = 0$
Domain:
All reals except -3, 1

530)



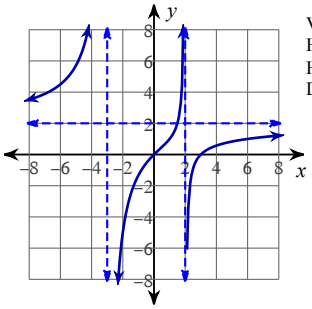
Vertical Asym.: $x = 3$, $x = -2$
Holes: None
Horz. Asym.: $y = 0$
Domain:
All reals except -2, 3

531)



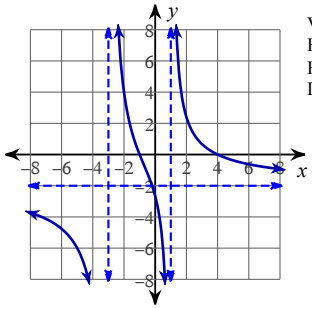
Vertical Asym.: $x = 3$, $x = -2$
Holes: None
Horz. Asym.: $y = 0$
Domain:
All reals except -2, 3

532)



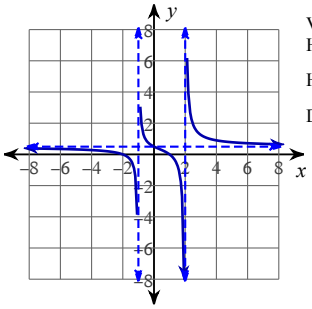
Vertical Asym.: $x = 2$, $x = -3$
Holes: None
Horz. Asym.: $y = 2$
Domain:
All reals except -3, 2

533)



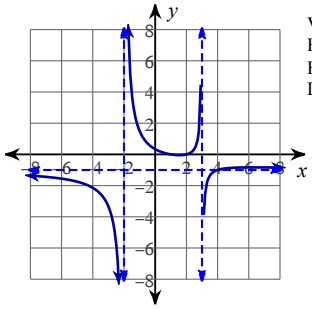
Vertical Asym.: $x = 1$, $x = -3$
Holes: None
Horz. Asym.: $y = -2$
Domain:
All reals except -3, 1

534)



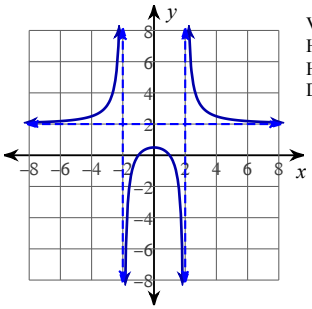
Vertical Asym.: $x = 2$, $x = -1$
Holes: None
Horz. Asym.: $y = \frac{1}{2}$
Domain:
All reals except -1, 2

535)



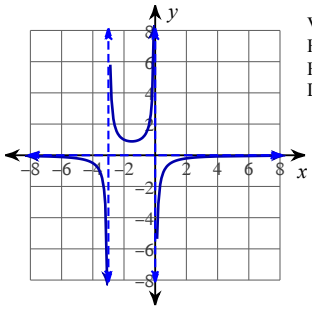
Vertical Asym.: $x = 3$, $x = -2$
Holes: None
Horz. Asym.: $y = -1$
Domain:
All reals except -2, 3

536)



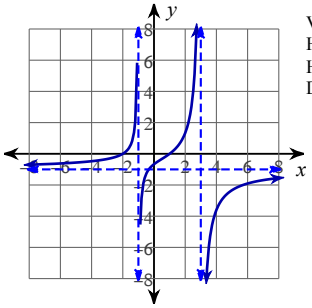
Vertical Asym.: $x = 2$, $x = -2$
Holes: None
Horz. Asym.: $y = 2$
Domain:
All reals except -2, 2

537)



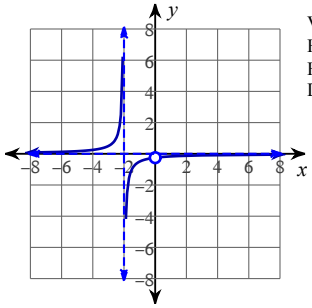
Vertical Asym.: $x = 0$, $x = -3$
Holes: None
Horz. Asym.: $y = 0$
Domain:
All reals except -3, 0

538)



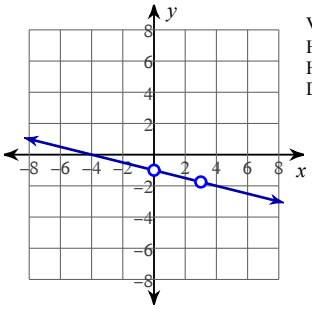
Vertical Asym.: $x = 3$, $x = -1$
Holes: None
Horz. Asym.: $y = -1$
Domain:
All reals except -1, 3

539)



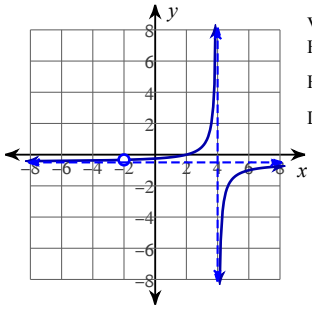
Vertical Asym.: $x = -2$
Holes: $x = 0$
Horz. Asym.: $y = 0$
Domain:
All reals except -2, 0

540)



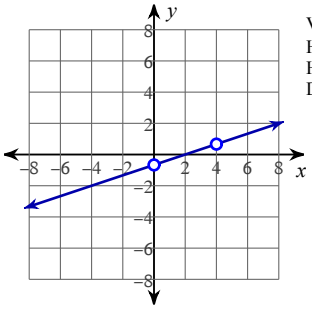
Vertical Asym.: None
Holes: $x = 0$, $x = 3$
Horz. Asym.: None
Domain:
All reals except 0, 3

541)



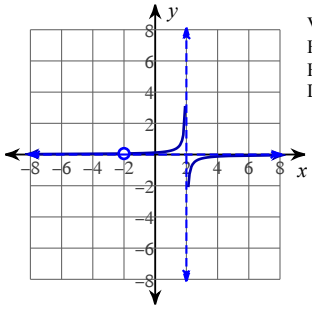
Vertical Asym.: $x = 4$
Holes: $x = -2$
Horz. Asym.: $y = -\frac{1}{2}$
Domain:
All reals except -2, 4

542)



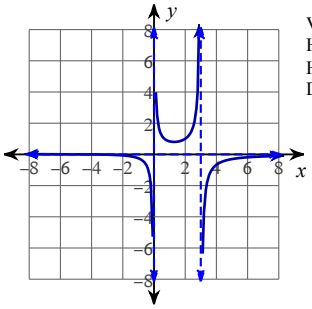
Vertical Asym.: None
Holes: $x = 0$, $x = 4$
Horz. Asym.: None
Domain:
All reals except 0, 4

543)



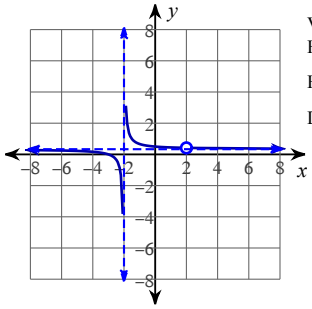
Vertical Asym.: $x = 2$
Holes: $x = -2$
Horz. Asym.: $y = 0$
Domain:
All reals except -2, 2

544)



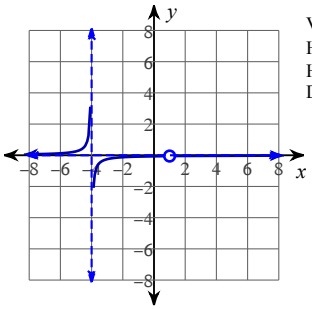
Vertical Asym.: $x = 0$, $x = 3$
Holes: None
Horz. Asym.: $y = 0$
Domain:
All reals except 0, 3

545)



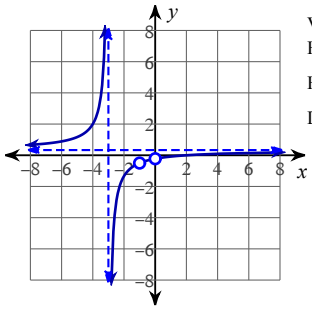
Vertical Asym.: $x = -2$
Holes: $x = 2$
Horz. Asym.: $y = \frac{1}{3}$
Domain:
All reals except -2, 2

546)



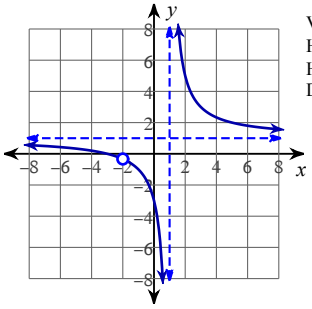
Vertical Asym.: $x = -4$
Holes: $x = 1$
Horz. Asym.: $y = 0$
Domain:
All reals except -4, 1

547)



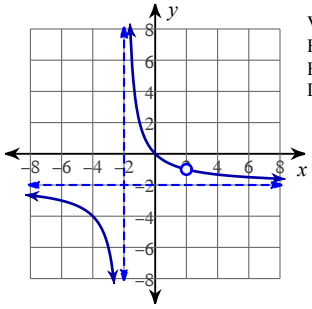
Vertical Asym.: $x = -3$
Holes: $x = -1$, $x = 0$
Horz. Asym.: $y = \frac{1}{3}$
Domain:
All reals except -3, -1, 0

548)



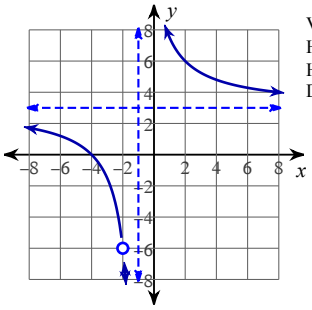
Vertical Asym.: $x = 1$
Holes: $x = -2$
Horz. Asym.: $y = 1$
Domain:
All reals except -2, 1

549)



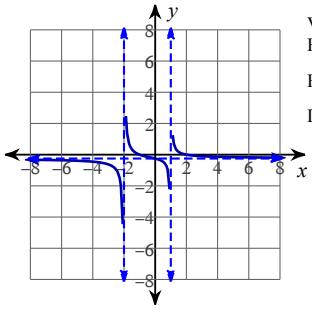
Vertical Asym.: $x = -2$
Holes: $x = 2$
Horz. Asym.: $y = -2$
Domain:
All reals except -2, 2

550)



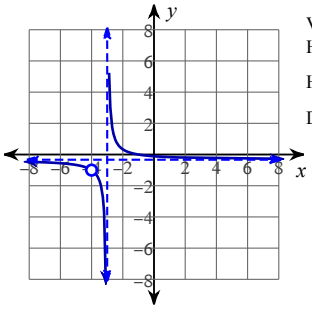
Vertical Asym.: $x = -1$
Holes: $x = -2$
Horz. Asym.: $y = 3$
Domain:
All reals except -2, -1

551)



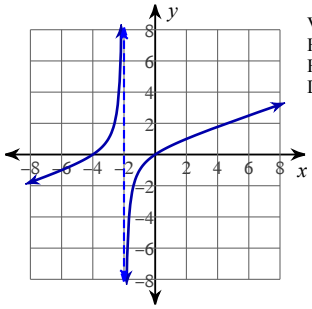
Vertical Asym.: $x = 1$, $x = -2$
Holes: None
Horz. Asym.: $y = -\frac{1}{4}$
Domain:
All reals except -2, 1

552)



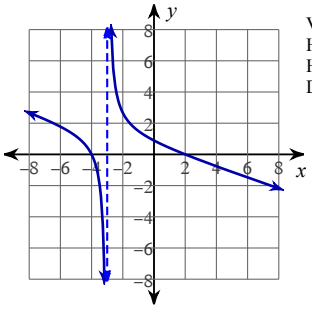
Vertical Asym.: $x = -3$
Holes: $x = -4$
Horz. Asym.: $y = -\frac{1}{3}$
Domain:
All reals except -4, -3

553)



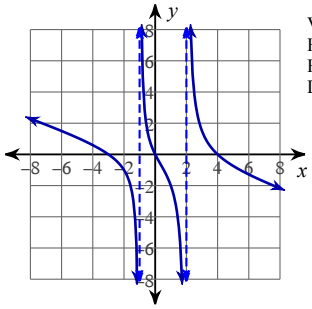
Vertical Asym.: $x = -2$
Holes: None
Horz. Asym.: None
Domain:
All reals except -2

554)



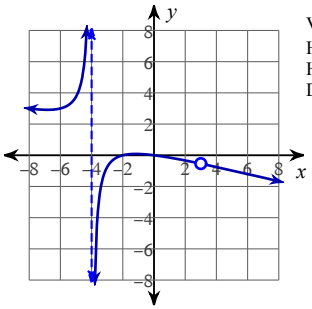
Vertical Asym.: $x = -3$
Holes: None
Horz. Asym.: None
Domain:
All reals except -3

555)



Vertical Asym.: $x = 2$, $x = -1$
Holes: None
Horz. Asym.: None
Domain:
All reals except -1, 2

556)



Vertical Asym.: $x = -4$
Holes: $x = 3$
Horz. Asym.: None
Domain:
All reals except -4, 3