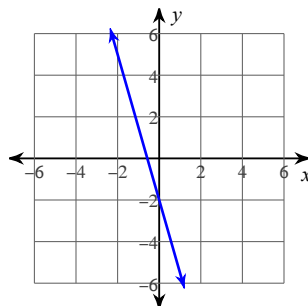
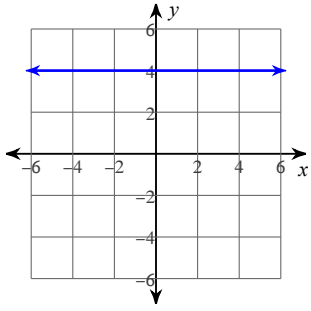


Answers to

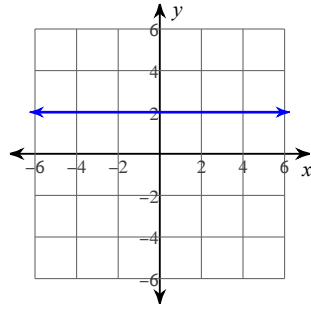
- | | | | |
|-------------------------------------|------------------------------------|-----------------------------------|-------------------------------------|
| 1) $\{11\}$ | 2) $\{24\}$ | 3) $\{-2\}$ | 4) $\{19\}$ |
| 5) $\{10\}$ | 6) $\{-14\}$ | 7) $\{-1\}$ | 8) $\{15\}$ |
| 9) $\{9\}$ | 10) $\{6\}$ | 11) $\{-18\}$ | 12) $\{-1\}$ |
| 13) $\{-17\}$ | 14) $\{-21\}$ | 15) $\{-23\}$ | 16) $\{-16\}$ |
| 17) $\{22\}$ | 18) $\{11\}$ | 19) $\{22\}$ | 20) $\{-10\}$ |
| 21) $\left\{\frac{9}{7}\right\}$ | 22) $\left\{-\frac{3}{2}\right\}$ | 23) $\left\{-\frac{2}{3}\right\}$ | 24) $\left\{\frac{3}{14}\right\}$ |
| 25) $\left\{\frac{145}{14}\right\}$ | 26) $\left\{\frac{11}{10}\right\}$ | 27) $\{-14\}$ | 28) $\left\{-\frac{22}{15}\right\}$ |
| 29) $\left\{\frac{5}{19}\right\}$ | 30) $\left\{-\frac{3}{2}\right\}$ | 31) $\{0\}$ | 32) $\{-1\}$ |
| 33) $\{8\}$ | 34) No solution. | 35) $\{-2\}$ | 36) $\{-6\}$ |
| 37) No solution. | 38) $\{2\}$ | 39) $\{-8\}$ | 40) $\{3\}$ |
| 41) $\{-5\}$ | 42) $\{3\}$ | 43) $\{2\}$ | 44) $\{1\}$ |
| 45) $\{-7\}$ | 46) $\{-1\}$ | 47) $\{0\}$ | 48) $\{3\}$ |
| 49) $\{-1\}$ | 50) $\{-7\}$ | 51) $\left\{-\frac{4}{5}\right\}$ | 52) $\{1\}$ |
| 53) $\{4\}$ | 54) $\left\{\frac{5}{4}\right\}$ | 55) $\left\{\frac{7}{4}\right\}$ | 56) $\left\{-\frac{18}{5}\right\}$ |
| 57) $\{-3\}$ | 58) $\left\{-\frac{7}{2}\right\}$ | 59) $\left\{-\frac{5}{2}\right\}$ | 60) $\left\{\frac{10}{3}\right\}$ |
| 61) $4(x-9)(x-2)$ | 62) $(x-7)(x+1)$ | 63) $(v-10)(v+8)$ | 64) $5(a-10)(a+1)$ |
| 65) $5(x^2+x-1)$ | 66) $6b(b-5)$ | 67) $6(n-4)(n+7)$ | 68) $(r-10)(r+1)$ |
| 69) $(x+9)(x+3)$ | 70) $6(x-10)(x+2)$ | 71) $5(2x-1)(x-4)$ | 72) Not factorable |
| 73) $4(2b+9)(b+7)$ | 74) $n(3n-2)$ | 75) $v(5v+7)$ | 76) $(7p-4)(p-1)$ |
| 77) $3(7v-1)(v+5)$ | 78) $(5n-2)(n+3)$ | 79) $(5p-3)(p+5)$ | 80) $2(3n+10)(n+2)$ |
| 81) $3(5a-2)(a-1)$ | 82) $(7x-6)(x-8)$ | 83) $(3x+4)(x-7)$ | 84) $4(5m+2)(m-5)$ |
| 85) $(7p+1)(p+5)$ | 86) $2(3k-8)(k+7)$ | 87) $2(5a-2)(a-10)$ | 88) $2(3m+7)(m+3)$ |
| 89) $k(7k+8)$ | 90) $(7v-2)(v+7)$ | 91) $2n(2n+3)$ | 92) $3x(3x-7)$ |
| 93) $(4x-1)(2x-9)$ | 94) $60v(v-9)$ | 95) $5(a+3)(9a+10)$ | 96) $5(x-6)(6x+7)$ |
| 97) $(v-5)(9v-4)$ | 98) $(2b-1)(3b-2)$ | 99) $2(n-6)(10n+7)$ | 100) $2(3x-4)(3x-1)$ |
| 101) $6(2b-9)(3b+8)$ | 102) $(3k+8)^2$ | 103) Not factorable | 104) $2x(2x-5)$ |
| 105) $2(a+3)(9a-2)$ | 106) $(x+9)(4x-3)$ | 107) $3(5r+1)(2r-7)$ | 108) $2(3a+8)^2$ |
| 109) $(a-6)(9a+10)$ | 110) $3(r+10)(9r-5)$ | 111) | |



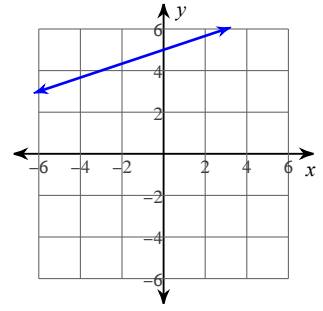
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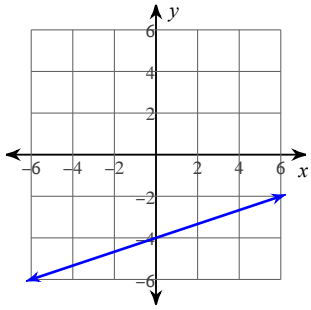
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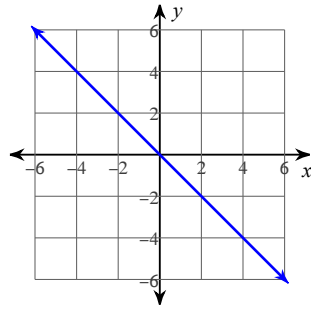
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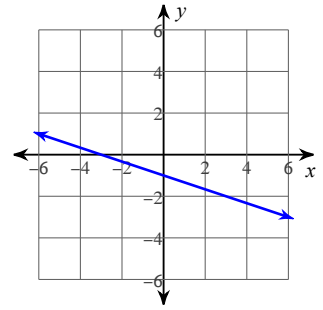
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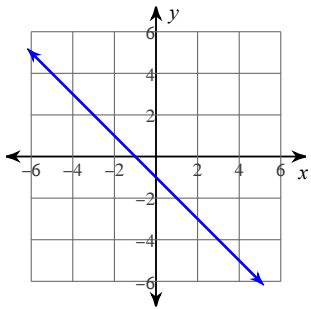
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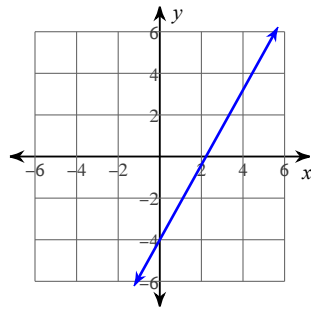
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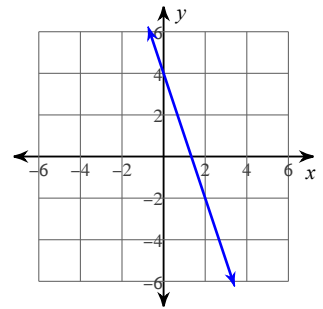
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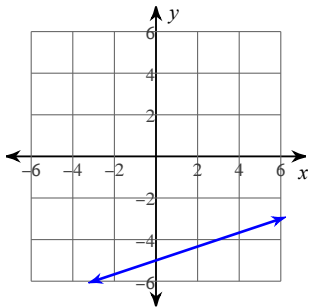
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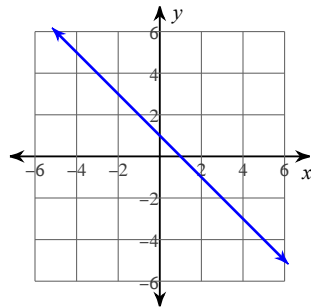
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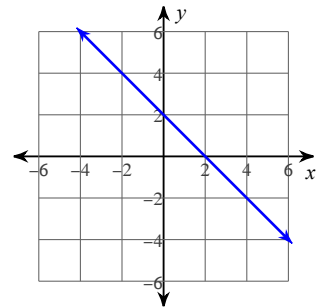
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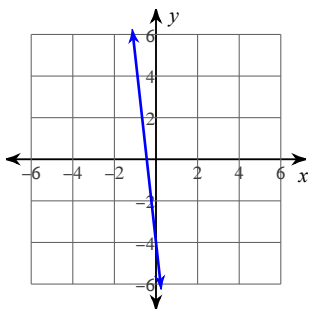
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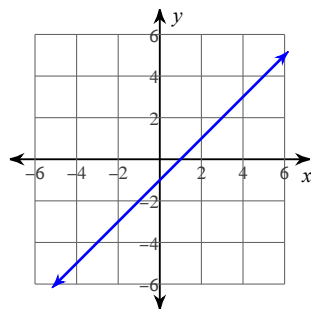
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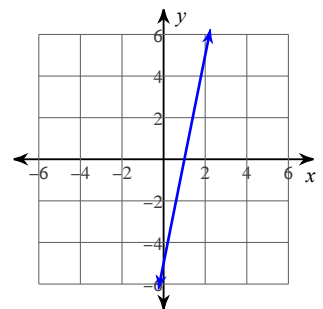
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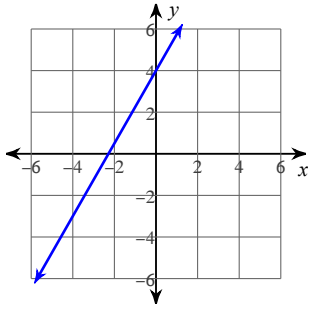
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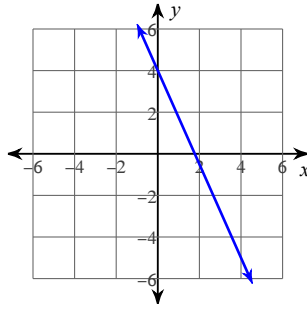
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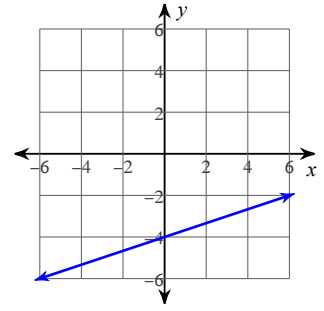
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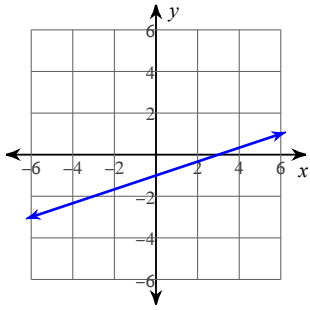
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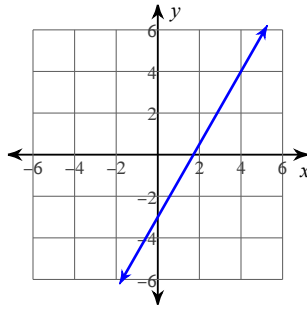
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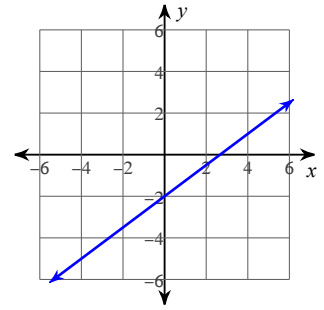
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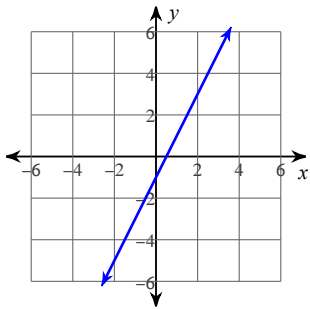
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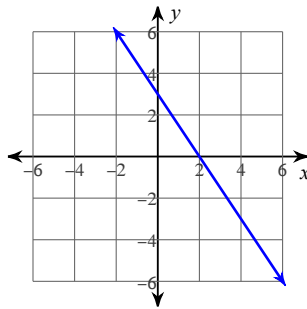
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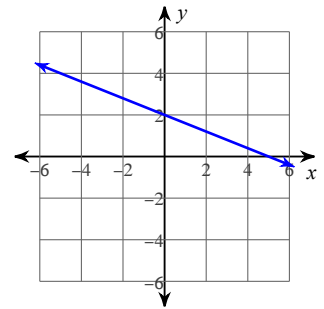
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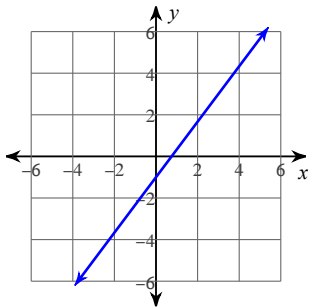
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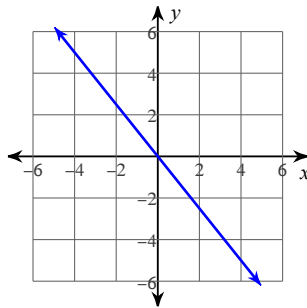
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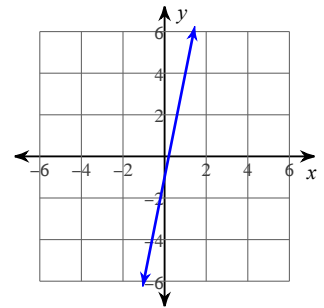
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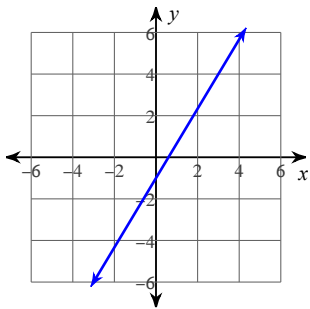
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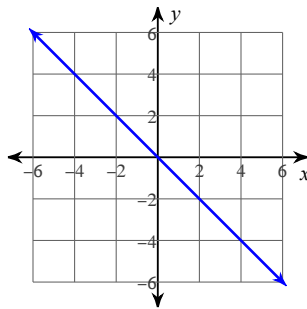
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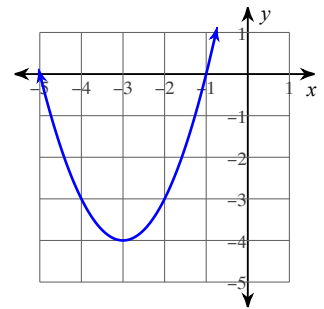
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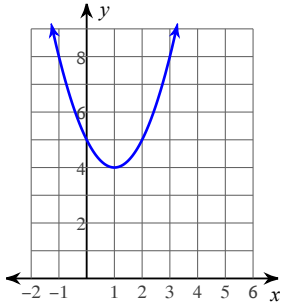
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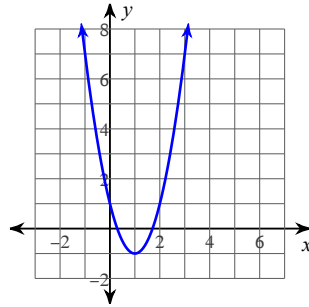
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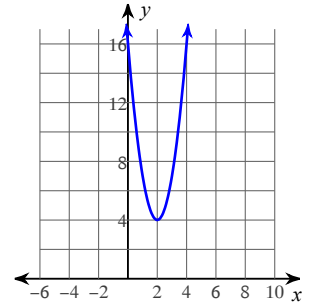
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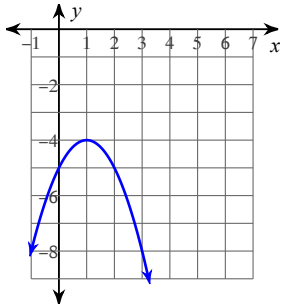
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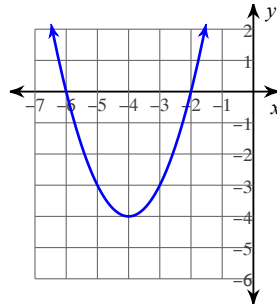
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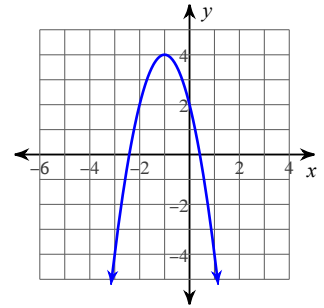
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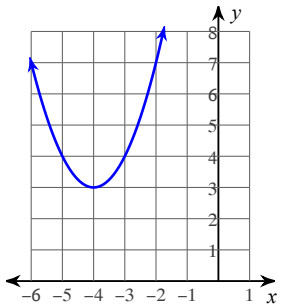
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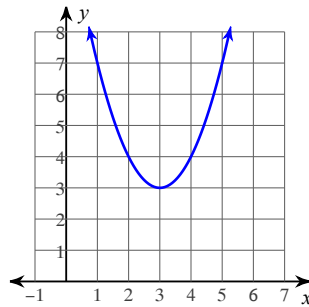
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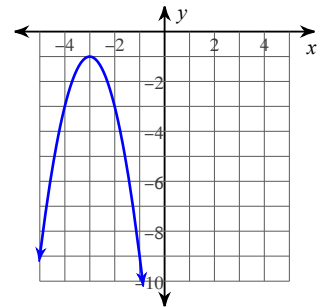
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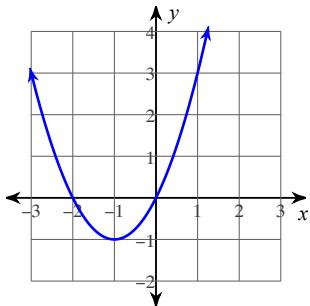
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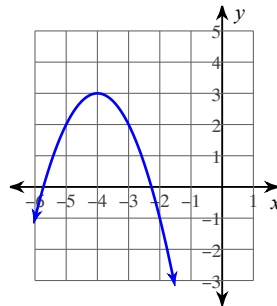
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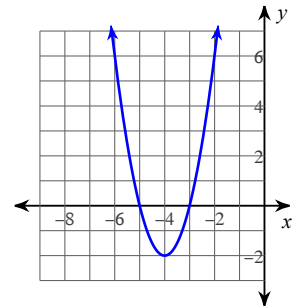
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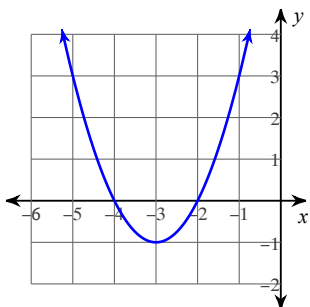
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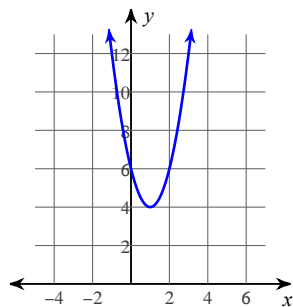
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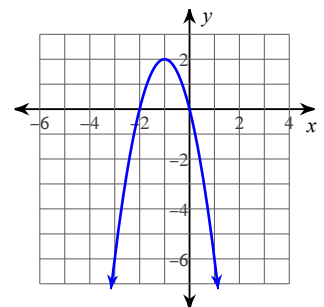
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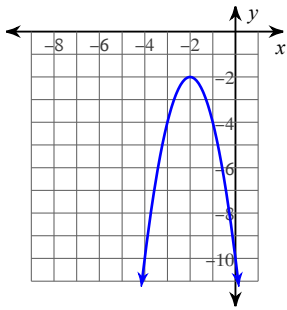
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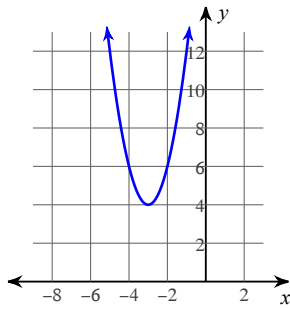
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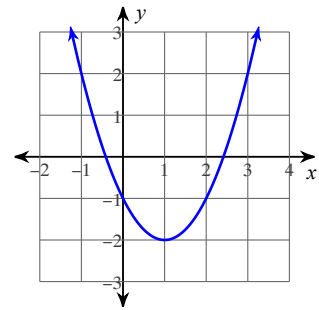
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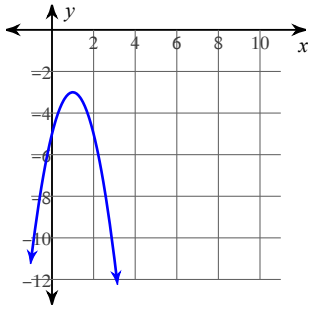
158)



159)



160)



161) $2x + 2 + \frac{1}{x + 2}$

162) $2x + 1 + \frac{1}{x - 2}$

163) $3x + 1 + \frac{3}{x + 2}$

164) $3x - 1 + \frac{1}{x + 2}$

165) $3x - \frac{4}{x + 2}$

166) $x + 4 - \frac{4}{x + 2}$

167) $2x + 4 + \frac{2}{x + 2}$

168) $x - 4 + \frac{2}{x - 2}$

169) $2x + 3 + \frac{2}{x + 1}$

170) $2x + 1 + \frac{3}{x + 2}$

171) $2x^4 - x^3 - 3x^2 - 2x - 5 - \frac{7}{3x - 5}$

172) $x + 5 - \frac{3}{4x + 3}$

173) $2x - 1 - \frac{3}{x - 3}$

174) $6x + 1 - \frac{2}{x + 2}$

175) $7x - 2 + \frac{7}{x + 3}$

176) $9x^3 - 2x^2 - 5x + 10 + \frac{4}{x + 1}$

177) $x - 1 + \frac{9}{x - 5}$

178) $6x^2 - 3x + 4 - \frac{4}{3x + 4}$

179) $3x^3 + 6x^2 - 2x + 10 + \frac{9}{x - 2}$

180) $3x - 1 + \frac{9}{5x + 5}$

181) $3x^3 - x^2 - 5x + 2 + \frac{-15x^2 + 21x - 17}{10x^4 + 11x^2 + 10 - 12x}$

182) $x^2 - 12 + \frac{23x + 5}{x^4 + x^3 - 2x^2 + 3x + 5}$

183) $4x^3 - 5x^2 - 10x - 1 + \frac{20}{5x^3 - x^2 + 6x - 4}$

184) $2x^4 - x^3 - 3x^2 + 6x - 6 + \frac{4x + 19}{3x^3 - 6 + 11x^2 - x}$

185) $3x^2 - 5x - 4 + \frac{12x^2 + 7x - 16}{5x^4 - 11x^3 + 2x^2 + 6x - 3}$

186) $5x^2 - 8x + 3 + \frac{-21x^2 + 12x - 19}{x^4 - 3x^3 - 9x^2 - 12x - 5}$

187) $6x^3 + 7x^2 + 2x + 6 + \frac{-4x^3 - 19x^2 - 12x - 7}{x^4 - 7 - 3x + 6x^2}$

188) $3x^2 + 4x - 5 - \frac{8}{x^4 + 10x^3 + 3x^2 - 8}$

189) $x^2 + 2x - 2 - \frac{7}{2x^4 + 2x^2 - 10x - 9}$

190) $4x^2 + 2x + 2 + \frac{-14x^3 + 15x^2 + 6x - 23}{-11x^3 + 3x^4 - 6 - 5x}$

191) $\frac{2}{x + 2} - \frac{1}{x - 2}$

192) $-\frac{1}{x + 4} + \frac{4}{x + 3}$

193) $-\frac{7}{x} + \frac{4}{x + 4}$

194) $\frac{3}{x} + \frac{5}{x + 2}$

195) $-\frac{3}{x} - \frac{5}{x + 2}$

196) $-\frac{4}{x + 5} + \frac{6}{x - 2}$

197) $\frac{1}{x - 3} + \frac{4}{x - 1}$

198) $\frac{6}{x} + \frac{5}{x + 2}$

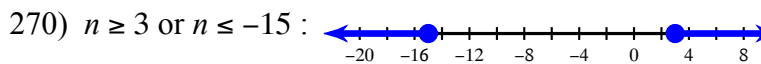
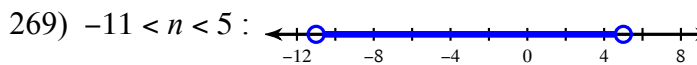
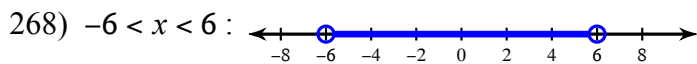
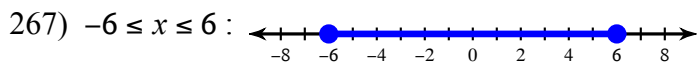
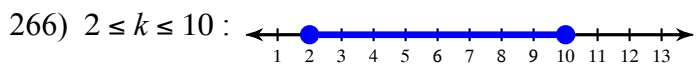
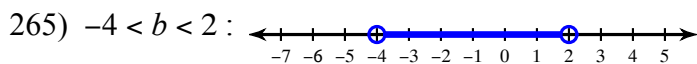
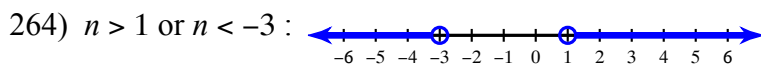
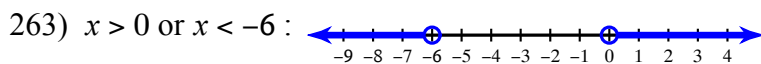
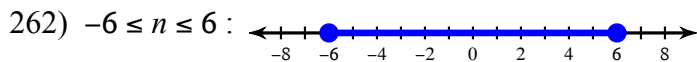
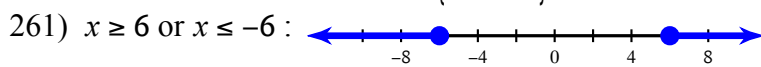
199) $\frac{1}{x} - \frac{7}{x + 2}$

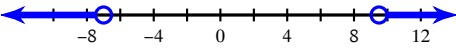
200) $-\frac{4}{x} + \frac{2}{x - 2}$

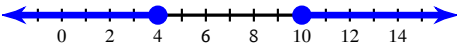
201) $\frac{3}{x - 1} - \frac{4}{(x - 1)^2}$

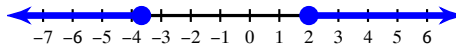
202) $\frac{1}{x} - \frac{4}{x - 3}$

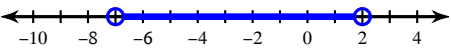
- 203) $-1 + \frac{3}{2x-5} + \frac{1}{(2x-5)^2}$ 204) $-1 - \frac{7}{x} - \frac{3}{x-3}$ 205) $2 + \frac{3}{x} - \frac{7}{x-5}$
- 206) $-2 + \frac{3}{x} + \frac{2}{x+3}$ 207) $-1 - \frac{4}{x-5} - \frac{1}{x+3}$ 208) $\frac{1}{x-4} + \frac{2}{(x-4)^2}$
- 209) $\frac{1}{x+1} - \frac{5}{x-1}$ 210) $\frac{2}{x-1} - \frac{4}{(x-1)^2}$ 211) $\frac{7}{x} + \frac{3}{x-2}$ 212) $\frac{2}{x-1} - \frac{3}{(x-1)^2}$
- 213) $1 - \frac{1}{x-4} - \frac{7}{x+4}$ 214) $\frac{5}{x-1} - \frac{3}{(x-1)^2}$ 215) $2 - \frac{6}{x} + \frac{3}{2x+5}$ 216) $\frac{3}{x-1} - \frac{2}{x+5}$
- 217) $-2 + \frac{3}{x+2} + \frac{4}{(x+2)^2}$ 218) $\frac{7}{2x-3} - \frac{5}{(2x-3)^2}$ 219) $2 + \frac{4}{x-1} - \frac{5}{(x-1)^2}$
- 220) $-2 - \frac{3}{x-2} - \frac{1}{(x-2)^2}$ 221) $\{6, 0\}$ 222) $\{6, -6\}$
- 223) $\{2, -2\}$ 224) $\{18, -18\}$ 225) $\{12, -12\}$ 226) $\{11, 1\}$
- 227) $\{12, -12\}$ 228) $\{-4, 4\}$ 229) $\{6, 4\}$ 230) $\{6, -12\}$
- 231) $\left\{-7, \frac{41}{5}\right\}$ 232) $\left\{-\frac{37}{5}, 7\right\}$ 233) $\left\{-10, \frac{53}{5}\right\}$ 234) $\left\{-\frac{41}{7}, 7\right\}$
- 235) $\{4, -12\}$ 236) $\left\{4, -\frac{9}{2}\right\}$ 237) $\left\{\frac{10}{3}, 2\right\}$ 238) $\{3, -19\}$
- 239) $\left\{9, -\frac{17}{2}\right\}$ 240) $\{6, 1\}$ 241) $\{10, -3\}$ 242) $\left\{6, -\frac{36}{5}\right\}$
- 243) $\left\{-\frac{1}{9}, -1\right\}$ 244) $\{1, -2\}$ 245) $\{9, -5\}$ 246) No solution.
- 247) $\left\{-1, -\frac{5}{4}\right\}$ 248) $\{-8\}$ 249) $\{3, -5\}$ 250) No solution.
- 251) No solution. 252) $\left\{1, -\frac{7}{2}\right\}$ 253) $\left\{-\frac{5}{3}, -3\right\}$ 254) $\left\{\frac{1}{7}, -3\right\}$
- 255) $\{2, 0\}$ 256) $\{3, -17\}$ 257) No solution. 258) $\left\{-\frac{2}{9}, -2\right\}$
- 259) No solution. 260) $\left\{-\frac{16}{9}, 0\right\}$

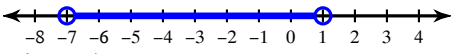


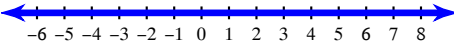
271) $x < -7$ or $x > \frac{19}{2}$: 

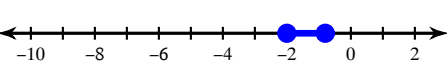
272) $x \leq 4$ or $x \geq 10$: 

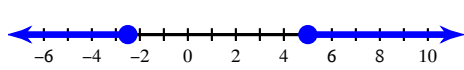
273) $b \leq -\frac{11}{3}$ or $b \geq 2$: 

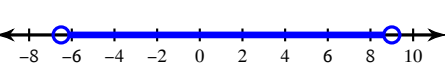
274) $-7 < v < 2$: 

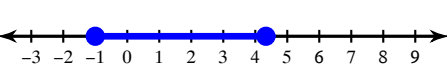
275) $-7 < b < 1$: 

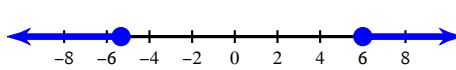
276) { All real numbers. } : 

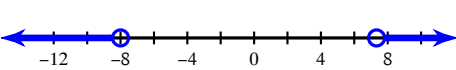
277) $-2 \leq a \leq -\frac{4}{5}$: 

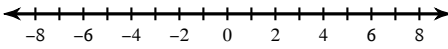
278) $r \leq -\frac{5}{2}$ or $r \geq 5$: 

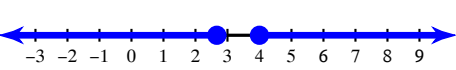
279) $-\frac{13}{2} < x < 9$: 

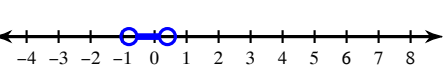
280) $-1 \leq b \leq \frac{13}{3}$: 

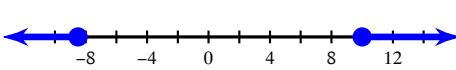
281) $x \geq 6$ or $x \leq -\frac{16}{3}$: 

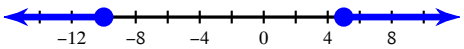
282) $n < -8$ or $n > \frac{22}{3}$: 

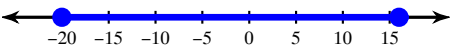
283) No solution. : 

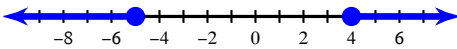
284) $n \geq 4$ or $n \leq \frac{8}{3}$: 

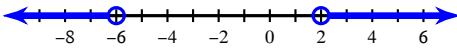
285) $-\frac{4}{5} < n < \frac{2}{5}$: 

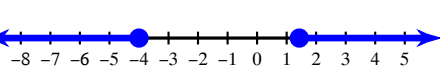
286) $k \geq 10$ or $k \leq -\frac{17}{2}$: 

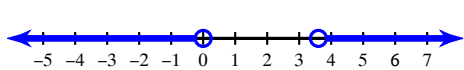
287) $a \leq -10$ or $a \geq 5$: 

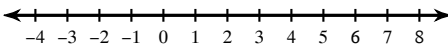
288) $-20 \leq x \leq 16$: 

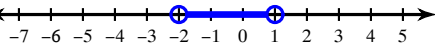
289) $x \geq 4$ or $x \leq -5$: 

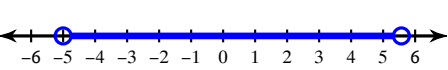
290) $x > 2$ or $x < -6$: 

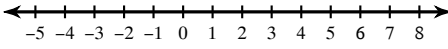
291) $x \geq \frac{10}{7}$ or $x \leq -4$: 

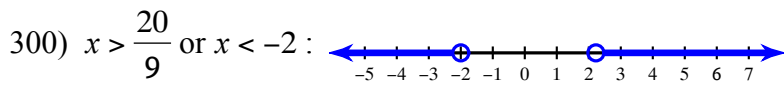
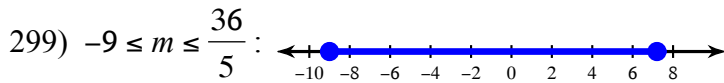
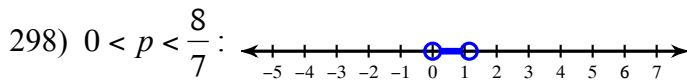
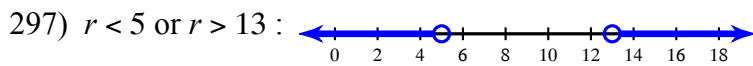
292) $x < 0$ or $x > \frac{18}{5}$: 

293) No solution. : 

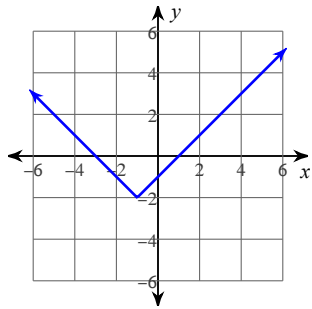
294) $-2 < n < 1$: 

295) $-5 < x < \frac{39}{7}$: 

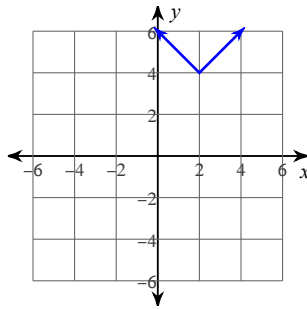
296) No solution. : 



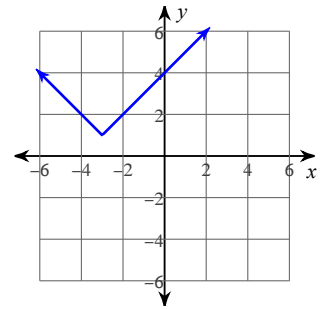
301)



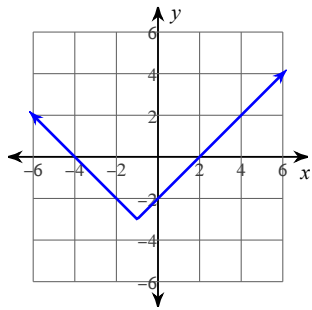
302)



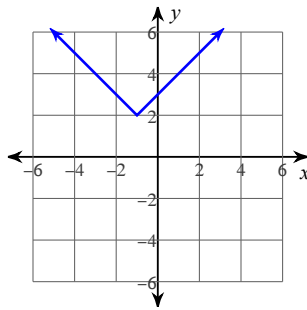
303)



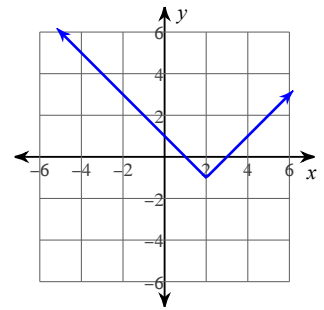
304)



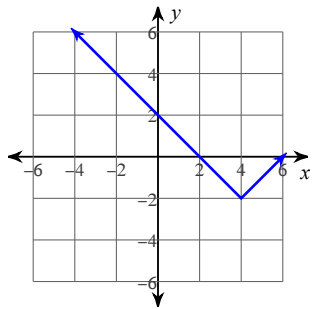
305)



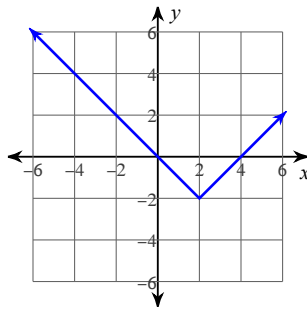
306)



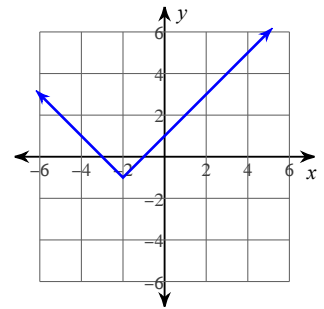
307)



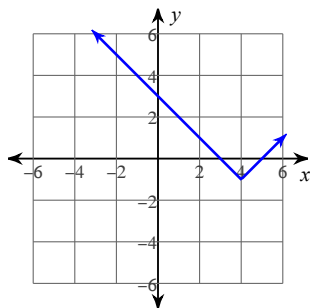
308)



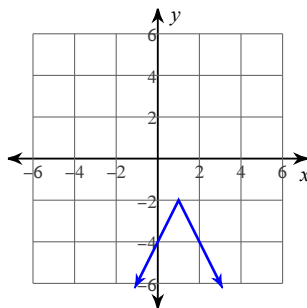
309)



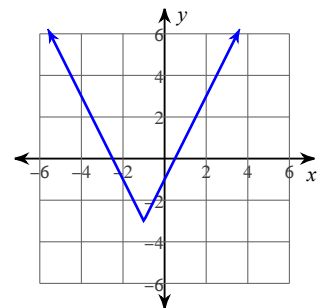
310)



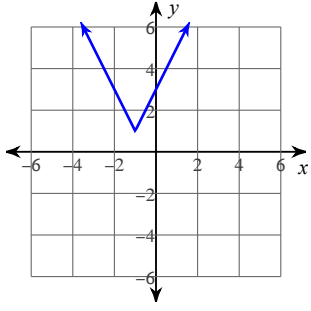
311)



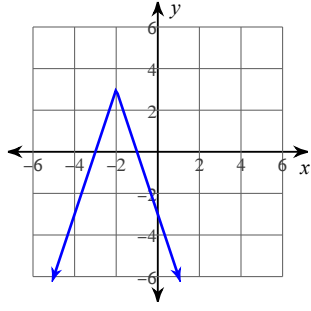
312)



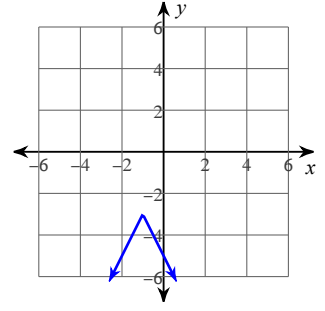
313)



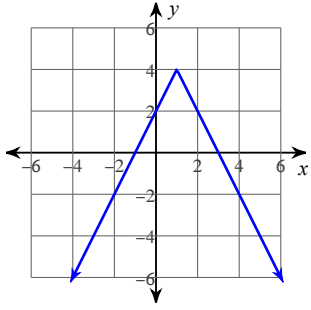
314)



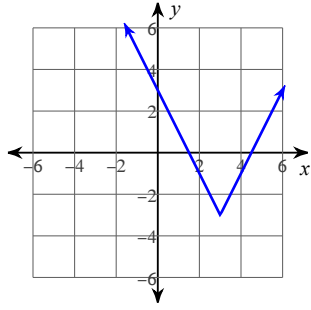
315)



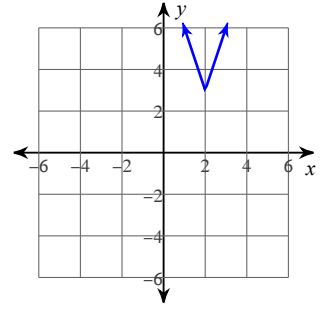
316)



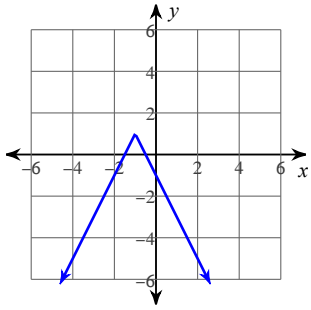
317)



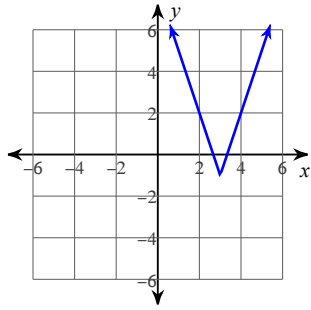
318)



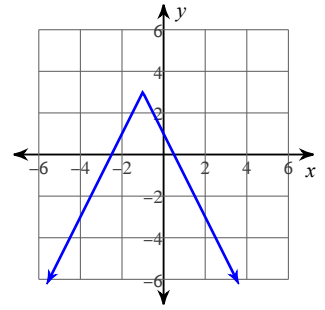
319)



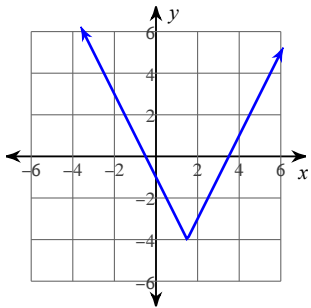
320)



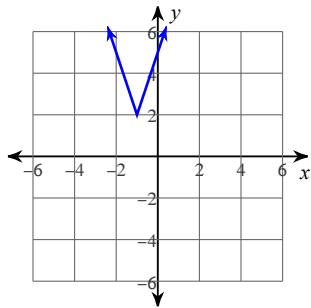
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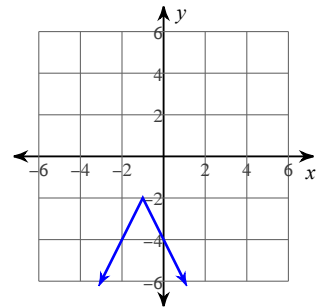
322)



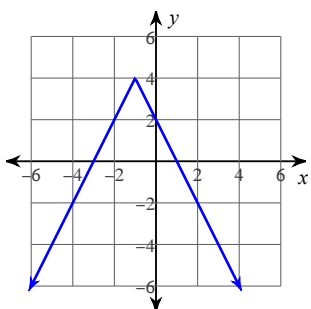
323)



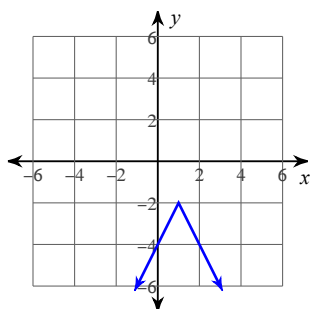
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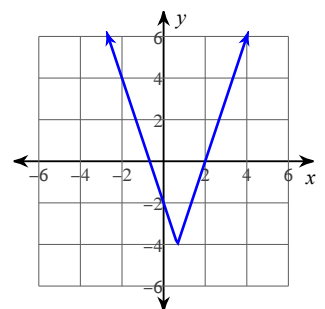
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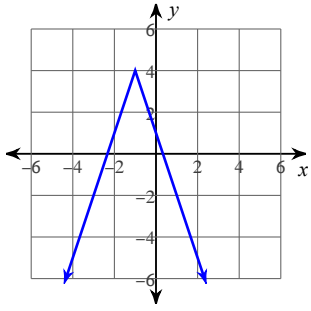
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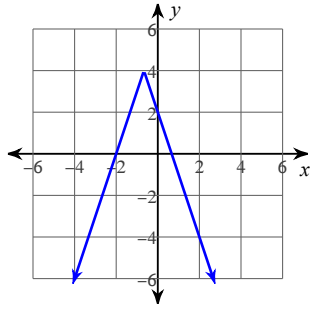
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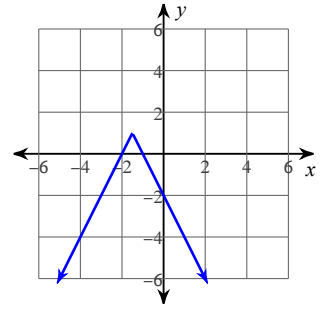
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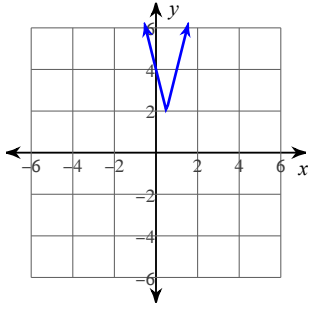
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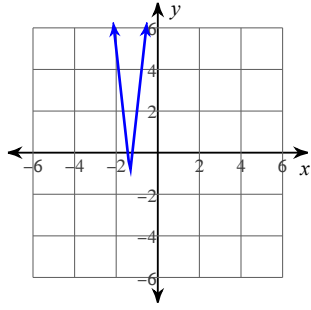
330)



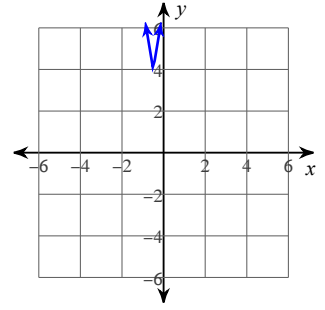
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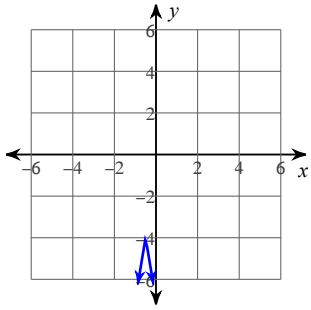
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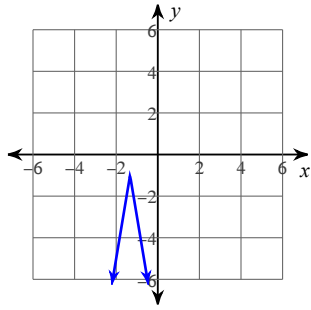
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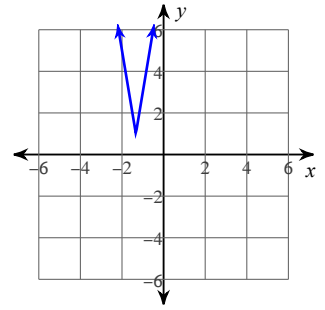
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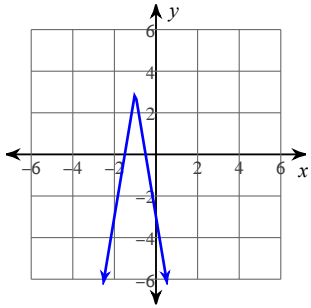
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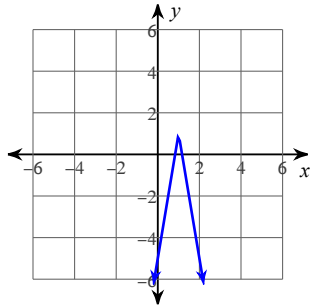
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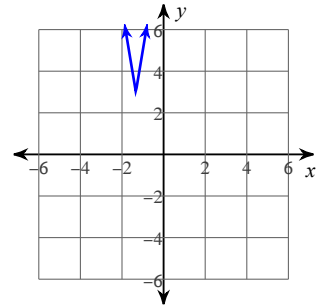
337)



338)



339)



340)

