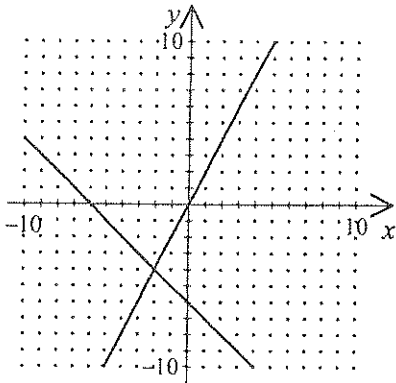
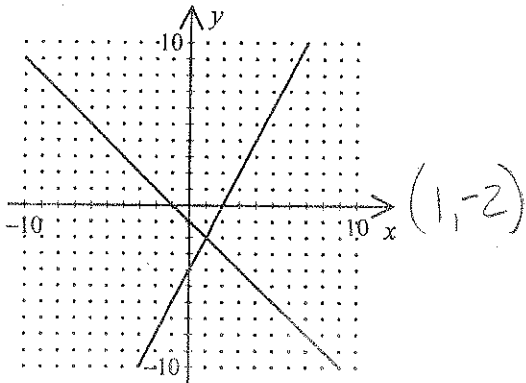


Answers
(Algebra)

ALG. 1-2 REVIEW QUESTIONS
2ND SEM FINAL REVIEW



[1] (-2, -4)



[2] _____

[3] (-1, -3)

[4] (3, -1)

[5] (3, -2)

[6] (-3, -1)

[7] (3, -3)

[8] (-5, 6)

[9] $512x^{12}$

[10] $144x^{10}$

[11] 16

ALG. 1-2 REVIEW QUESTIONS
2ND SEM FINAL REVIEW

[12] $-x^9$

[13] 7

[14] $\frac{x^2y}{9}$

[15] $\frac{x^2y^2}{3}$

[16] $-\frac{2x^6}{y^2}$

[17] $\frac{-2y^2}{x}$

[18] $\frac{x^2}{y^3}$

[19] 0.0000000213

[20] 5.08×10^7

[21] 4.28×10^{-6}

[22] 2.31×10^9

[23] $-\frac{12}{11}$

[24] -2, 2

[25] $-\frac{5}{2}, \frac{5}{2}$

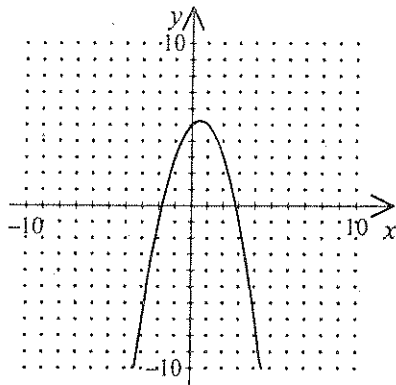
[26] no solution

[27] 18, -18

[28] $4\sqrt{3}$

[29] $\sqrt{6}$

ALG. 1-2 REVIEW QUESTIONS
2ND SEM FINAL REVIEW



[30] _____

[31] $(0, -5)$, opens up _____

[32] $-4 + \sqrt{5}$, $-4 - \sqrt{5}$ _____

[33] $\frac{-4 - \sqrt{2}}{2}$, $\frac{-4 + \sqrt{2}}{2}$ _____

[34] $3, -2$ _____

[35] $1, -\frac{1}{2}$ _____

[36] -44 _____

[37] 0 _____

[38] 2 _____

[39] $-2x^3 - x^2 - x + 4$ _____

[40] 1 _____

[41] trinomial, 2 _____

[42] $2x^3 + 14x^2 + 12$ _____

[43] $10k^4 + 3k^3 - 5$ _____

[44] B _____

[45] $4c^2 - 49$ _____

ALG. 1-2 REVIEW QUESTIONS
2ND SEM FINAL REVIEW

[46] $x^2 + 5x - 36$

[47] $3a^3 - a^2 + 6a - 2$

[48] $6x^2 - 7x - 20$

[49] $3x^2 - 4x - 15$

[50] $64x^2 - 9$

[51] $49x^2 - 16$

[52] $2z^4 + z^3 - 3z^2$

[53] $-6x^4 + 15x^3 + 9x^2$

[54] $x^3 + 2x^2 - 4x - 8$

[55] $A = x^2 - 6x - 135$

[56] $x^4 - 8x^2 + 16$

[57] $9x^2 - 12x + 4$

[58] $4, 3$

[59] $-3, 7$

[60] $x = 5, x = -7$

[61] $x = 3, x = -1$

[62] $\{0, -3\}$

[63] $(x - 5)(x - 9)$

[64] $(5x + 8)(x + 2)$

[65] $(3c^2 - 5)(3c^2 + 5)$

[66] $(4x - 3)(x - 3)$

[67] $(4x - 3)(x - 3)$

ALG. 1-2 REVIEW QUESTIONS
2ND SEM FINAL REVIEW

[68] $(3x+4)(x+3)$

[69] $(2x+5)(x+3)$

[70] $(2x+3)(x+5)$

[71] $5m^2(m-7)^2$

[72] $-2, 0, 7$

[73] $\frac{1}{4}$

[74] $\frac{31}{2}$

[75] $-2, 7$

[76] 40

[77] 32.4 miles

[78] 250

[79] 50%

[80] 25%

[81] $xy = 125$

[82] $\frac{3+c}{5}$

[83] $\frac{x-3}{x}$

[84] $\frac{x}{x-4}$

[85] xy

[86] $\frac{x-9}{x+5}$

ALG. 1-2 REVIEW QUESTIONS
2ND SEM FINAL REVIEW

[87] $\frac{1}{5-x}$ $\frac{5-x}{(x-5)^2}$

[88] $\frac{2}{x-1}$

[89] $\frac{1}{x-1}$

[90] $\frac{12}{u}$

[91] B

[92] $\sqrt{505}$ cm

[93] A

94. 6

95. $180\sqrt{3}$

96. $10\sqrt{15}$

97. $(2r+3)^2$

98. $(6m-7)^2$

99. $(11m-12)^2$

100. $2(9x^2+6x+1)$