

Test 4.6-4.8 Review Key

P.271 #49-83 ODD



49. ± 2
50. $\pm \sqrt{5}$
51. ± 3
52. $\pm 2\sqrt{3}$
53. 9
54. $\frac{9}{4}$
55. $-4 \pm \sqrt{10}$
56. $5 \pm \sqrt{38}$
57. $-1, \frac{1}{3}$
58. $1 \pm i\sqrt{3}$
59. $\frac{-3}{2} \pm \frac{i\sqrt{91}}{2}$

60. $1, -\frac{3}{4}$
61. $1, -\frac{8}{3}$
62. 3
63. 4, -1
64. 1.744, -0.344
65. 164; two
66. -3; none
67. 0; one
68. 233; two
69. 10.2736 ft \times 16.5472 ft

70. $2i\sqrt{6}$
71. $-3 + i\sqrt{2}$
72. $-50 + 40i$
73. $6 + 4i\sqrt{6}$
74. $3 + 9i$
75. $13 + 20i$
76. $21 - 25i$
77. $-12 - 15i$
78. $-3 - 2i$
79. $-\frac{1}{2} - \frac{1}{2}i$
80. $\pm 3i$
81. $\frac{1}{5} \pm \frac{2}{5}i$
82. $2 \pm i\sqrt{6}$
83. $\frac{-4}{7} \pm \frac{i\sqrt{26}}{7}$