



k = -5.00	x = -3.8750	y = 2.8750	r = 4.0965
k = -4.50	x = -4.0000	y = 3.0714	r = 4.3266
k = -4.00	x = -4.1667	y = 3.3333	r = 4.6338
k = -3.50	x = -4.4000	y = 3.7000	r = 5.0646
k = -3.00	x = -4.7500	y = 4.2500	r = 5.7118
k = -2.50	x = -5.3333	y = 5.1667	r = 6.7926
k = -2.00	x = -6.5000	y = 7.0000	r = 8.9582
k = -1.50	x = -10.0000	y = 12.5000	r = 15.4677
k = -1.00	not circle		
k = -0.50	x = 4.0000	y = -9.5000	r = 10.6419
k = 0.00	x = 0.5000	y = -4.0000	r = 4.1533
k = 0.50	x = -0.6667	y = -2.1667	r = 2.0344
k = 1.00	x = -1.2500	y = -1.2500	r = 1.0607
k = 1.50	x = -1.6000	y = -0.7000	r = 0.6708
k = 2.00	x = -1.8333	y = -0.3333	r = 0.6872
k = 2.50	x = -2.0000	y = -0.0714	r = 0.8482
k = 3.00	x = -2.1250	y = 0.1250	r = 1.0155
k = 3.50	x = -2.2222	y = 0.2778	r = 1.1614
k = 4.00	x = -2.3000	y = 0.4000	r = 1.2845
k = 4.50	x = -2.3636	y = 0.5000	r = 1.3884
k = 5.00	x = -2.4167	y = 0.5833	r = 1.4767