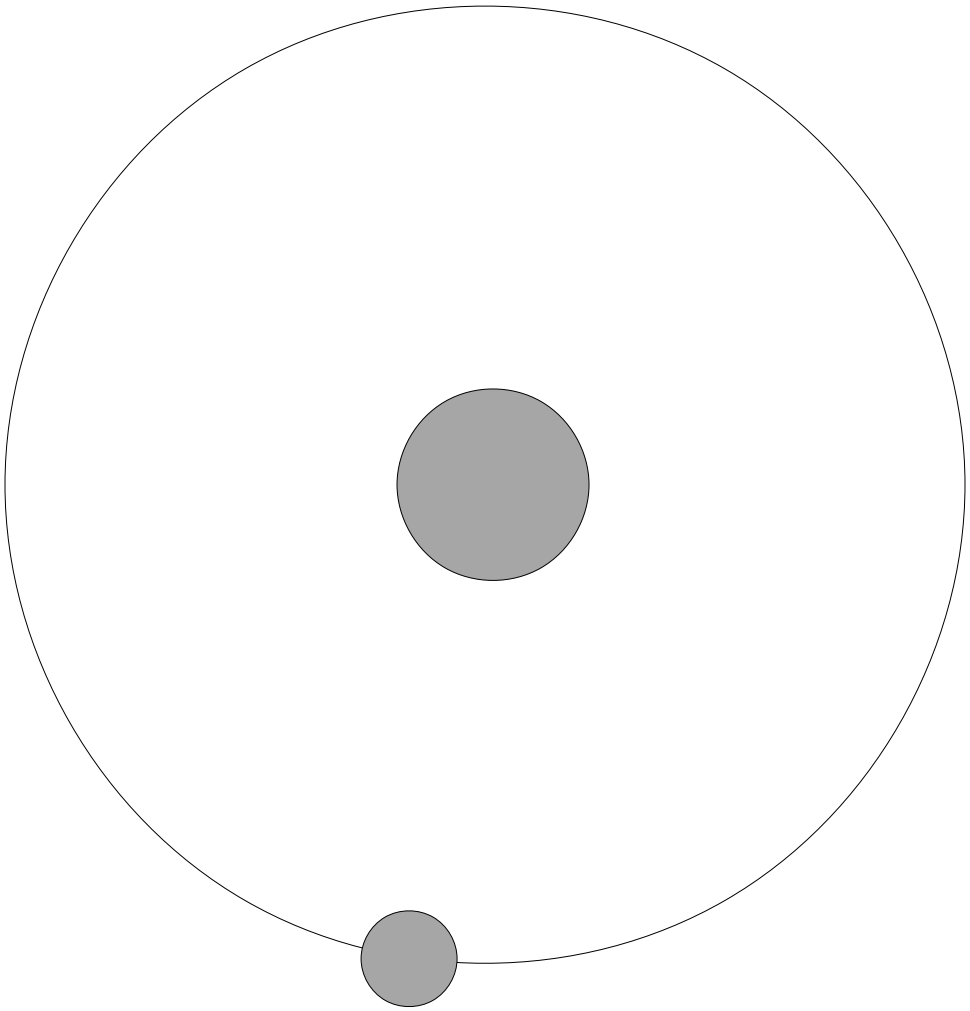
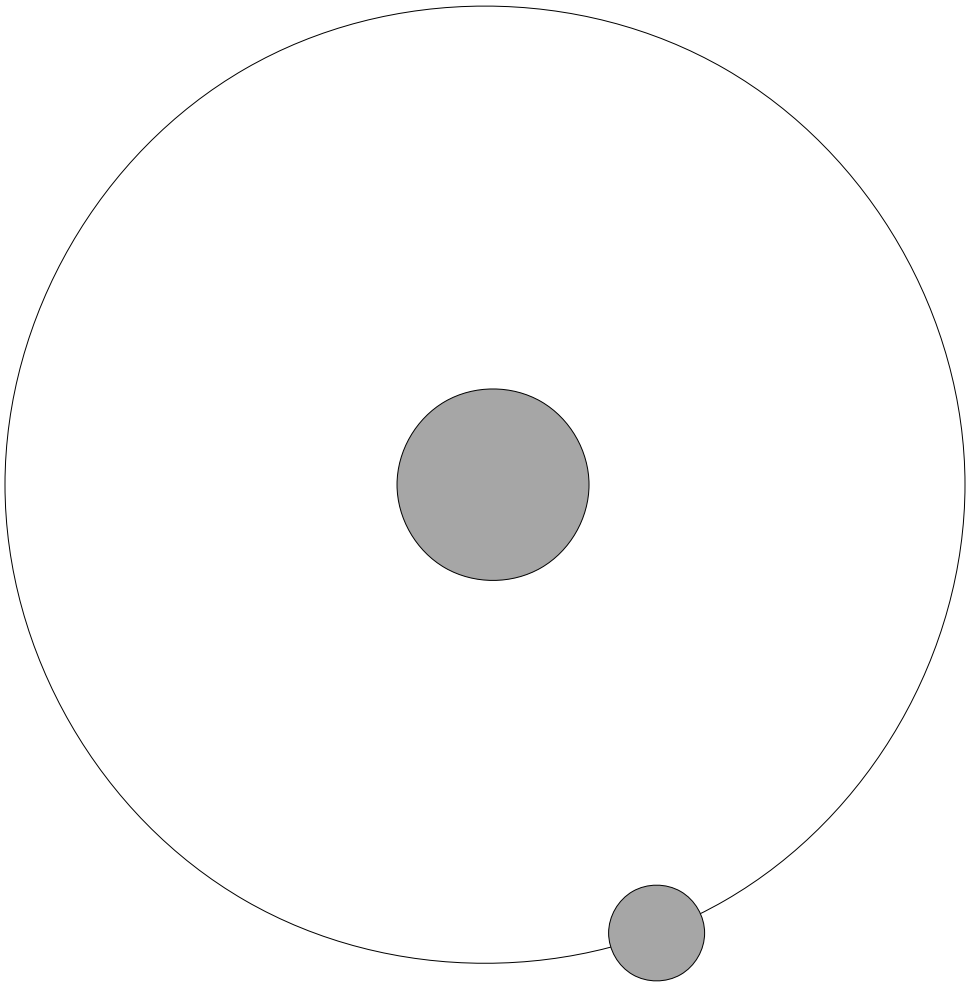
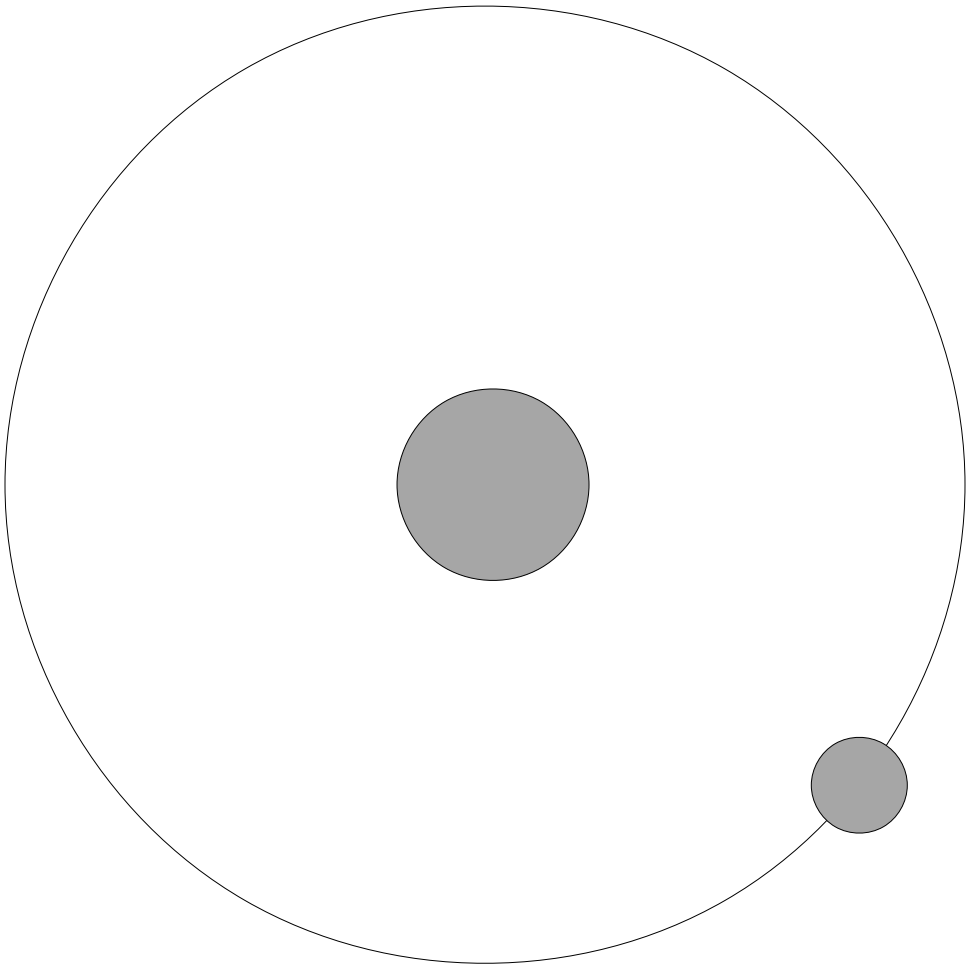
CURRENT PARAMETERS
a = 1.0
e = 0.016718
day = 1000.0
theta = 0



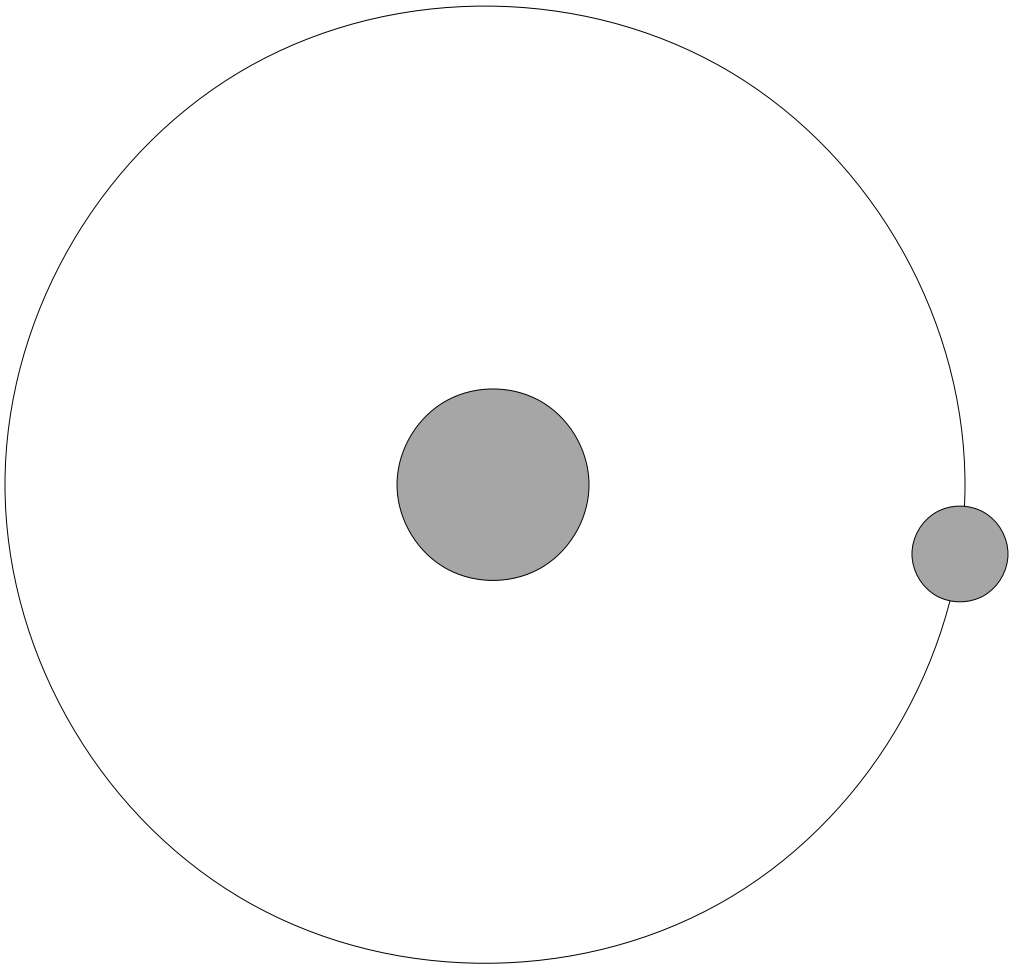
CURRENT PARAMETERS
a = 1.0
e = 0.016718
day = 1030.43
theta = 0



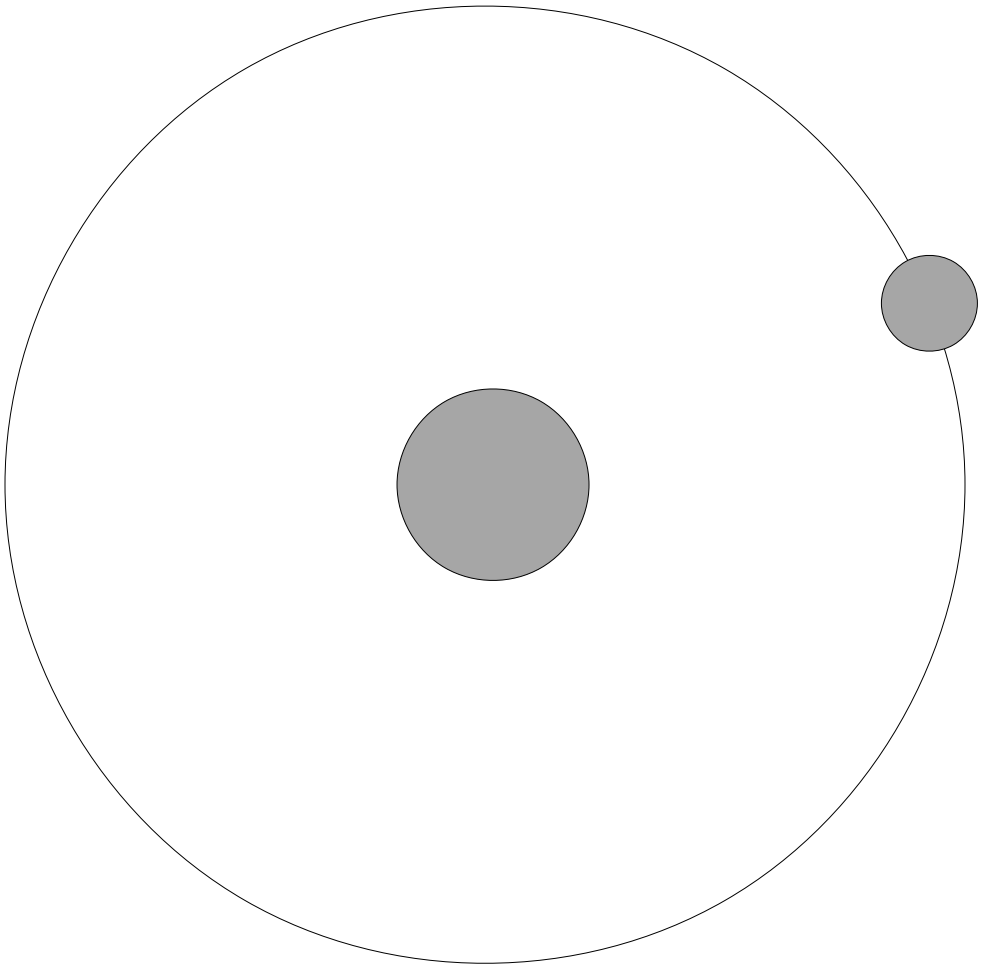
CURRENT PARAMETERS
a = 1.0
e = 0.016718
day = 1060.87
theta = 0



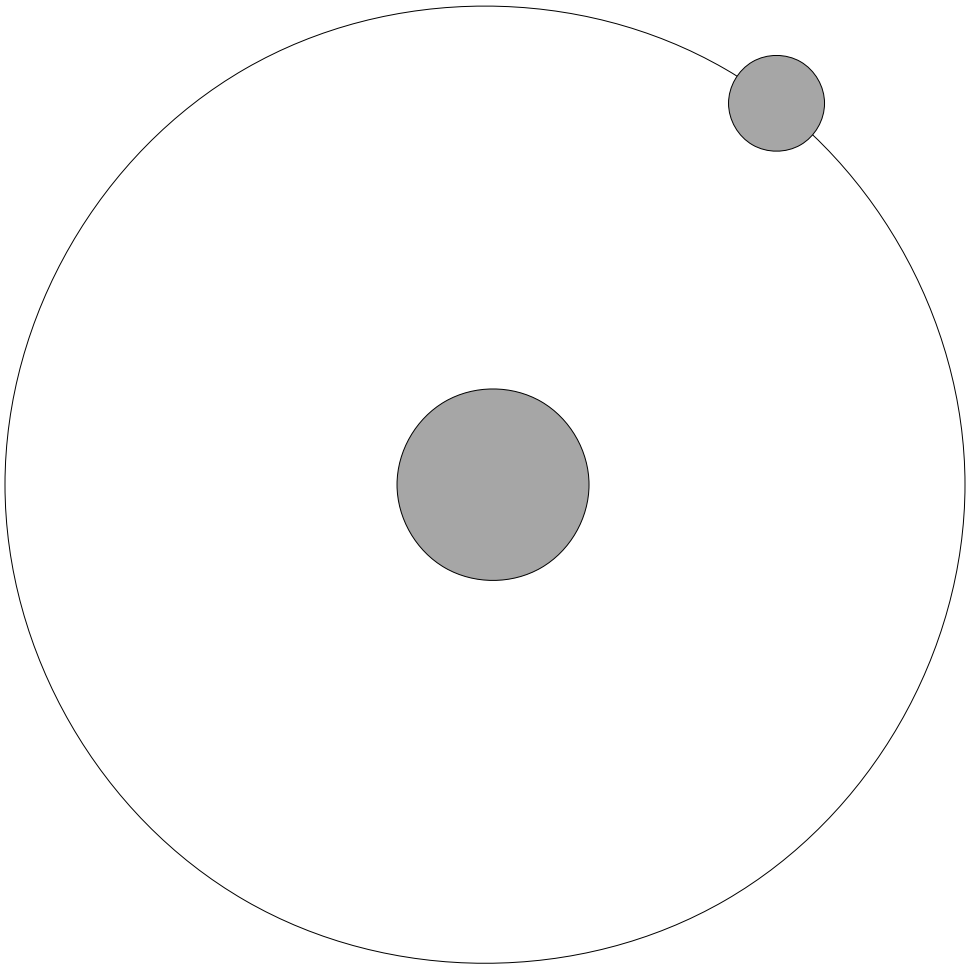
CURRENT PARAMETERS
a = 1.0
e = 0.016718
day = 1091.31
theta = 0



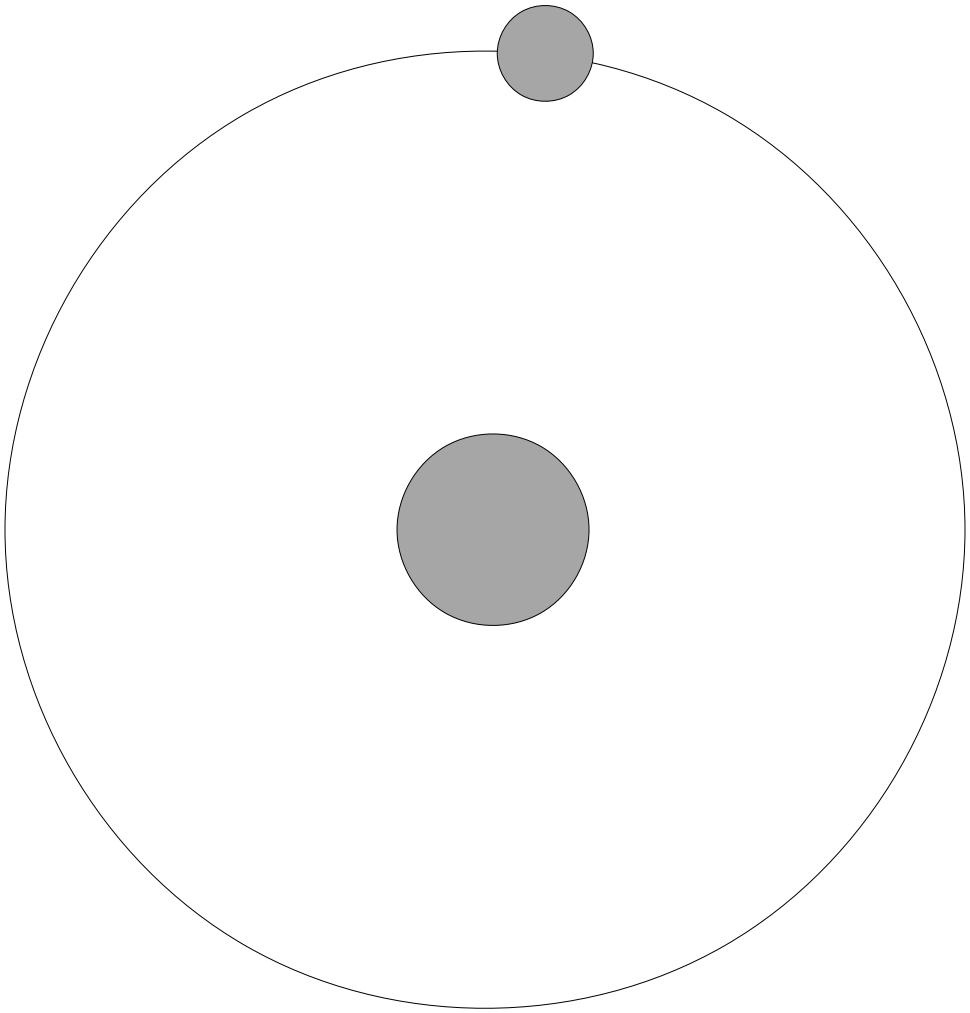
CURRENT PARAMETERS
a = 1.0
e = 0.016718
day = 1121.74
theta = 0



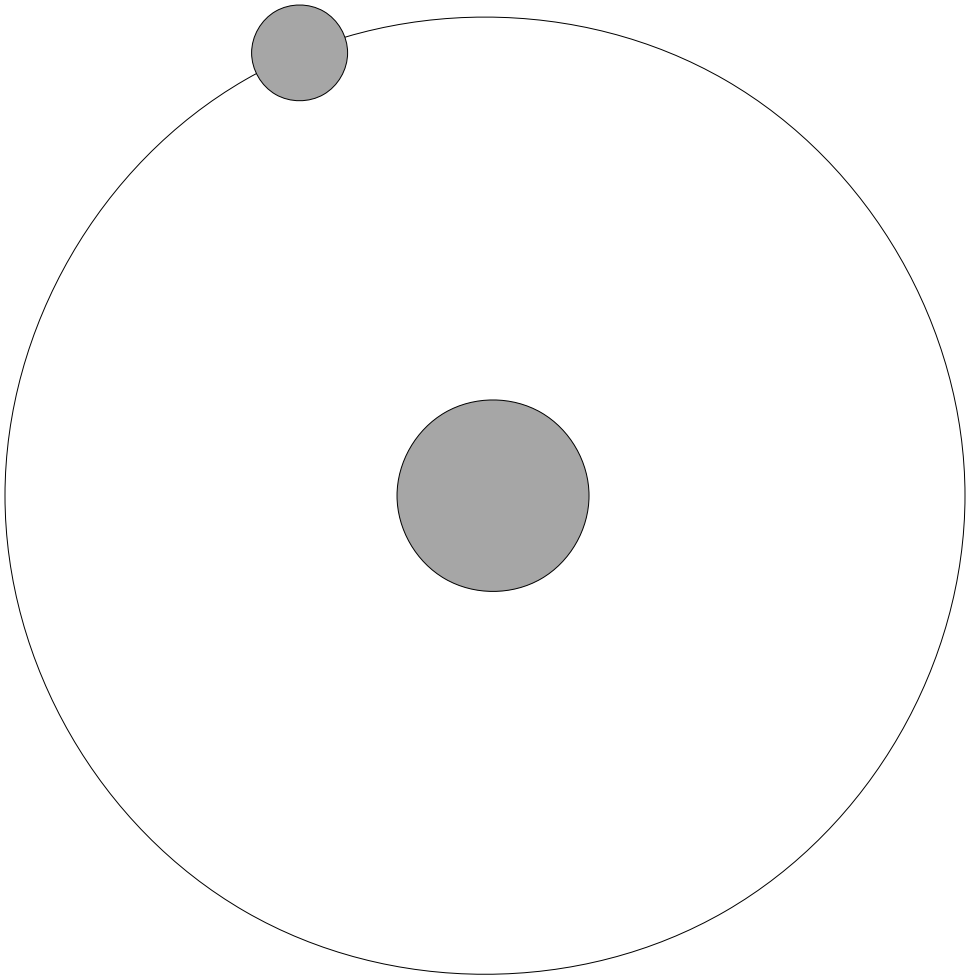
CURRENT PARAMETERS
a = 1.0
e = 0.016718
day = 1152.18
theta = 0



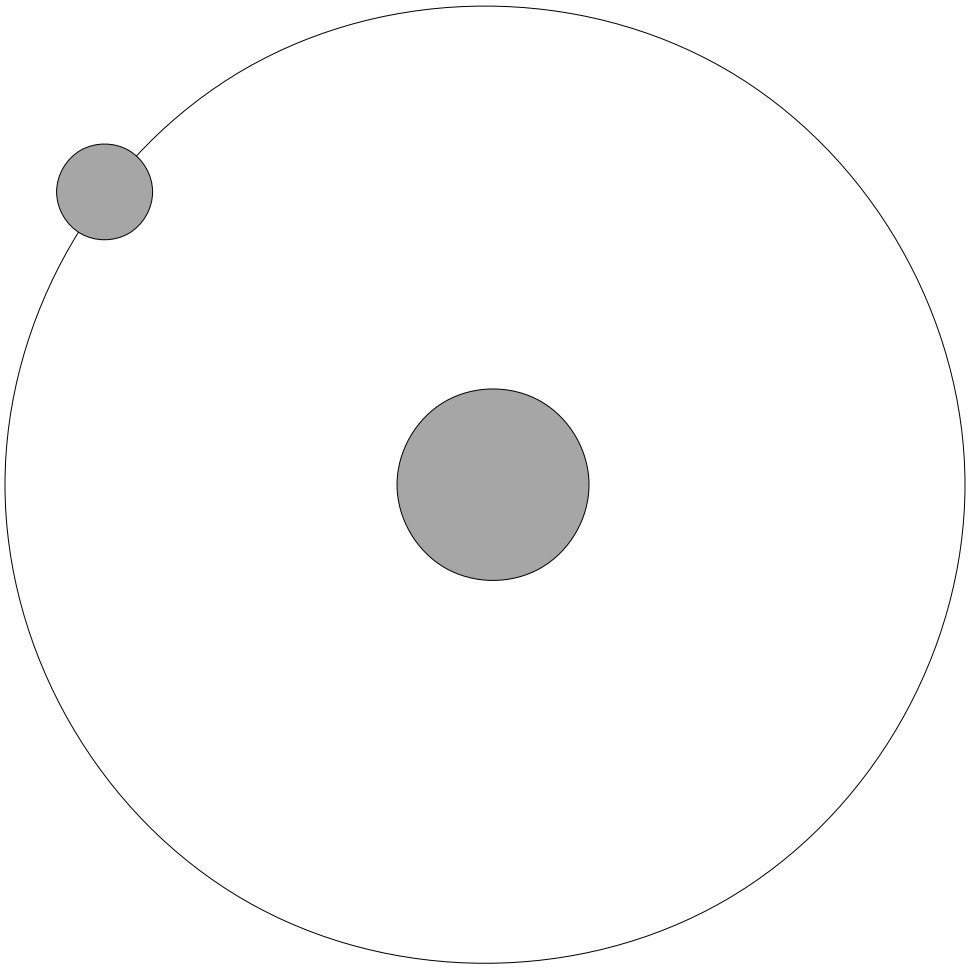
CURRENT PARAMETERS
a = 1.0
e = 0.016718
day = 1182.62
theta = 0



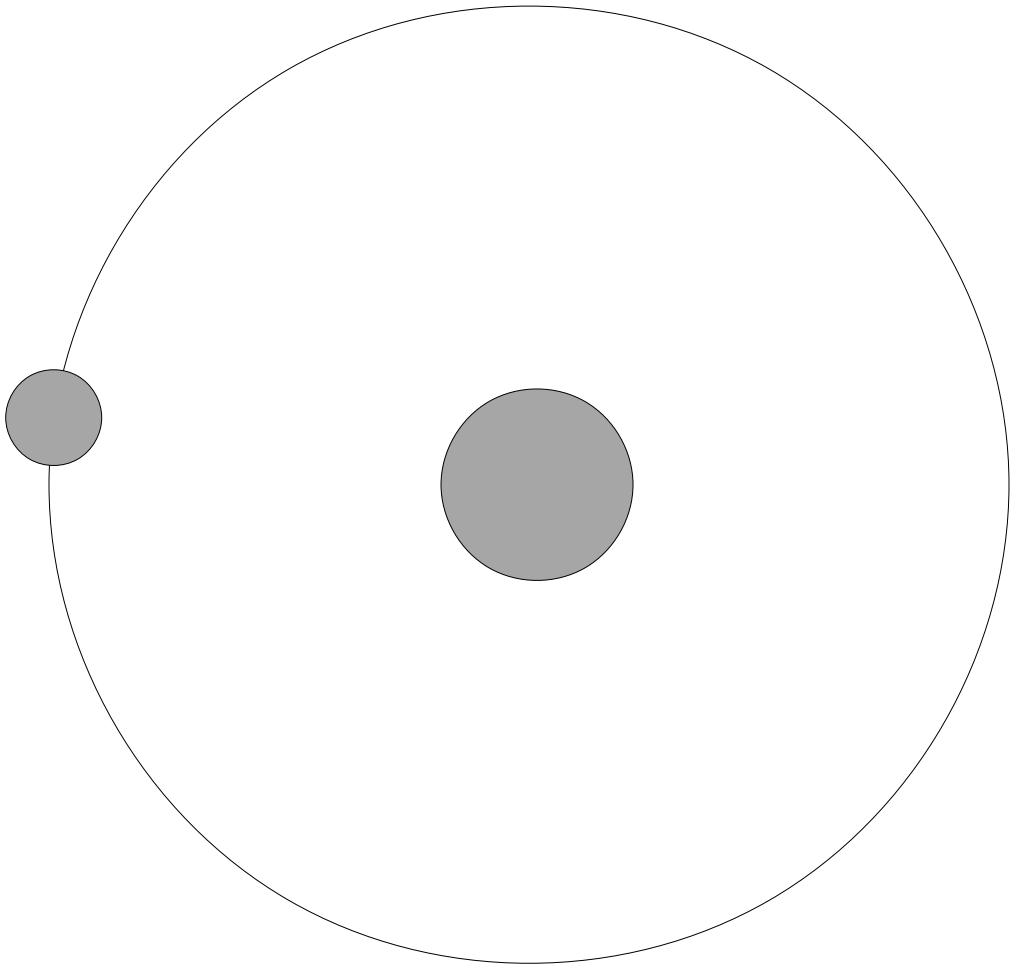
CURRENT PARAMETERS
a = 1.0
e = 0.016718
day = 1213.05
theta = 0



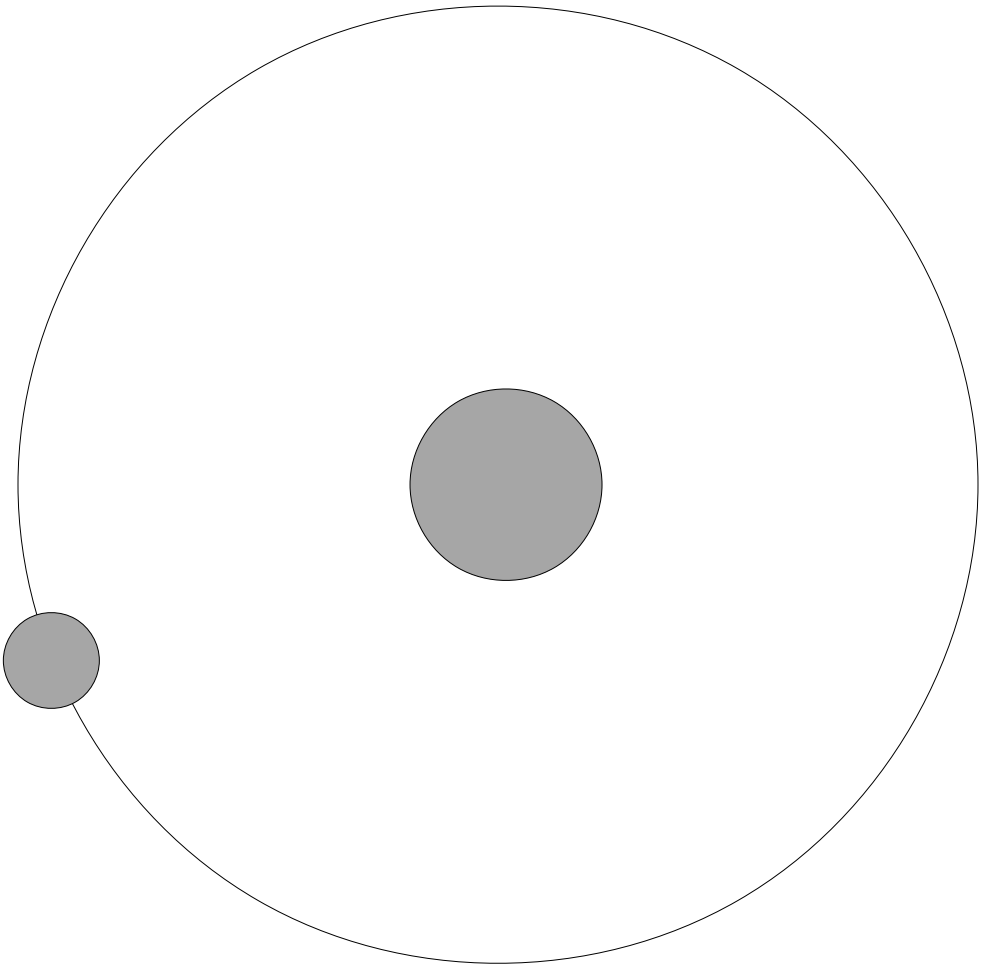
CURRENT PARAMETERS
a = 1.0
e = 0.016718
day = 1243.49
theta = 0



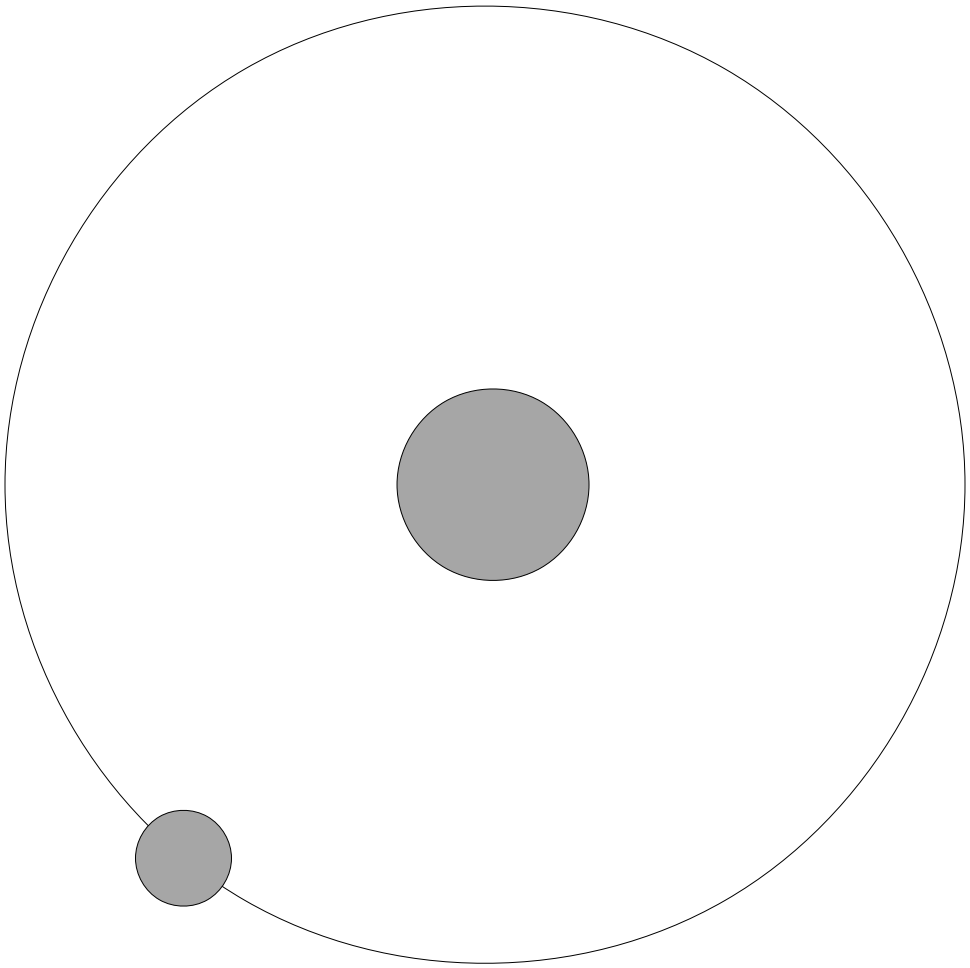
CURRENT PARAMETERS
a = 1.0
e = 0.016718
day = 1273.93
theta = 0



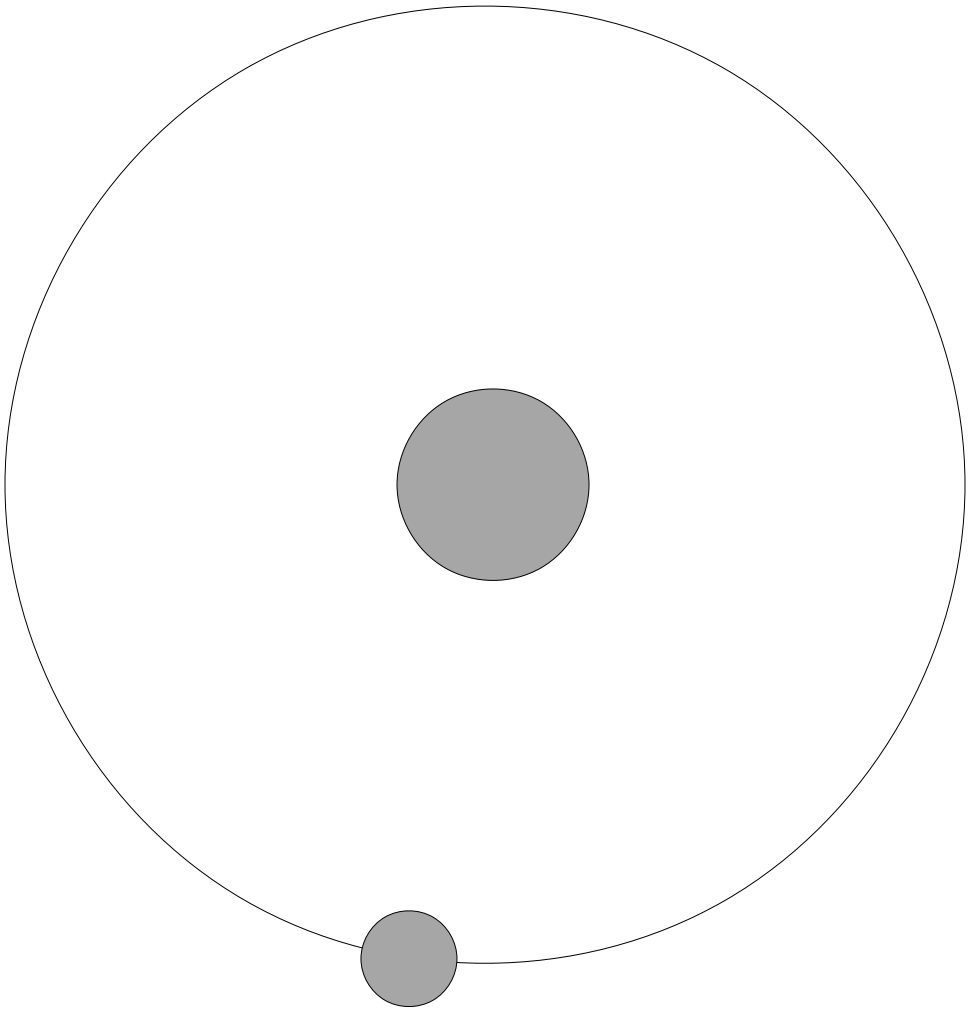
CURRENT PARAMETERS
a = 1.0
e = 0.016718
day = 1304.36
theta = 0



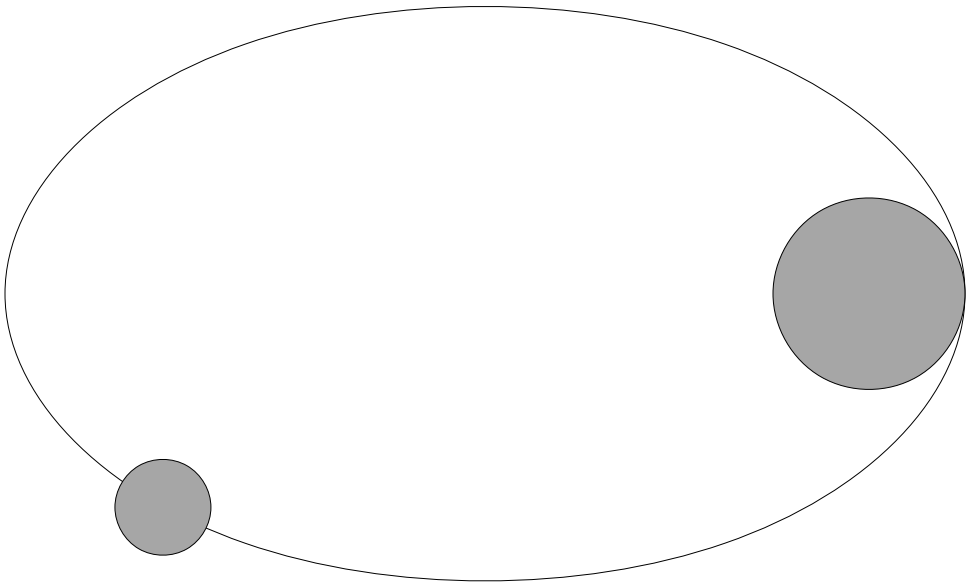
CURRENT PARAMETERS
a = 1.0
e = 0.016718
day = 1334.8
theta = 0



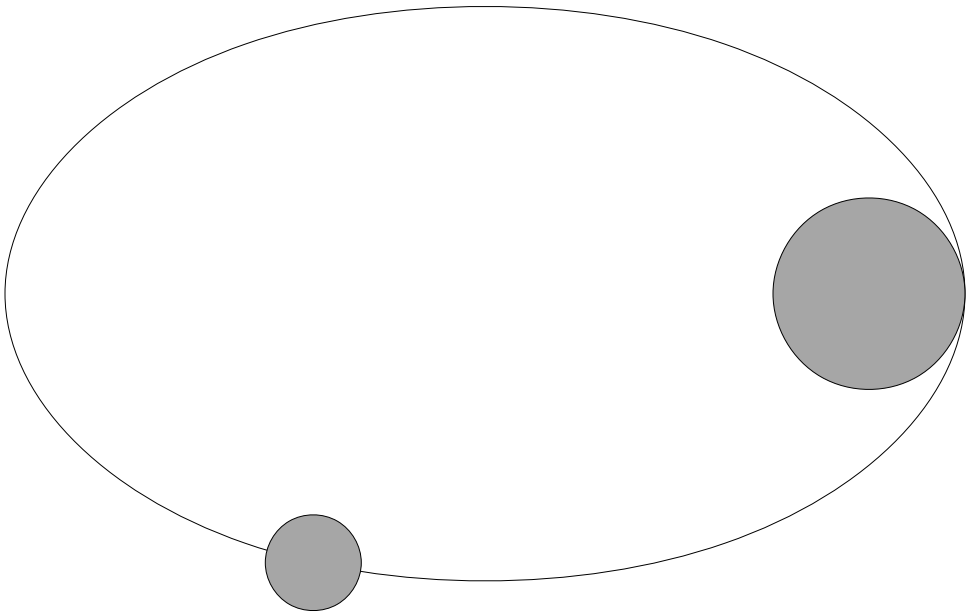
CURRENT PARAMETERS
a = 1.0
e = 0.016718
day = 1365.24
theta = 0



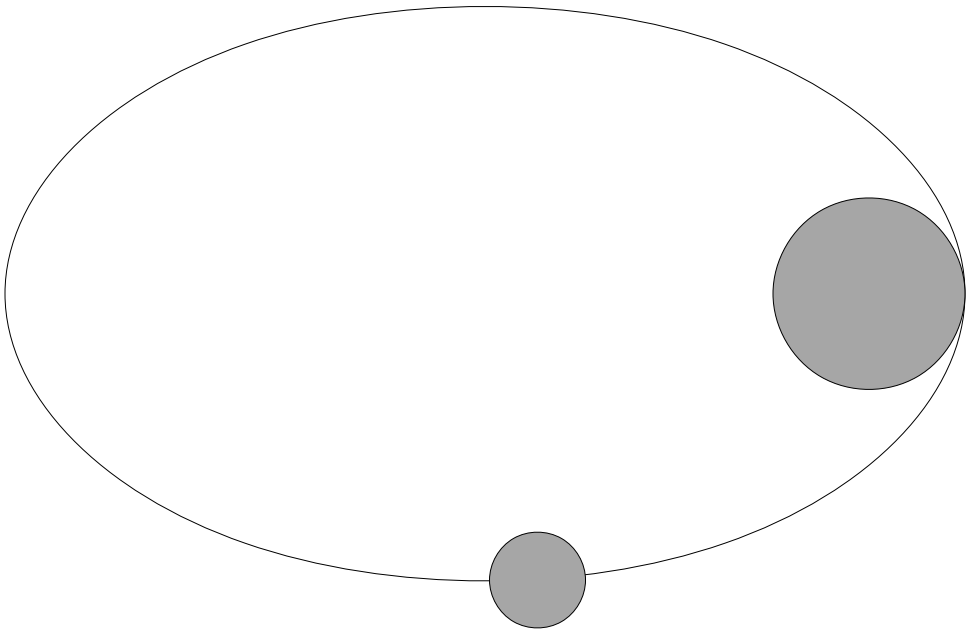
CURRENT PARAMETERS
a = 1.0
e = 0.8
day = 1000.0
theta = 0



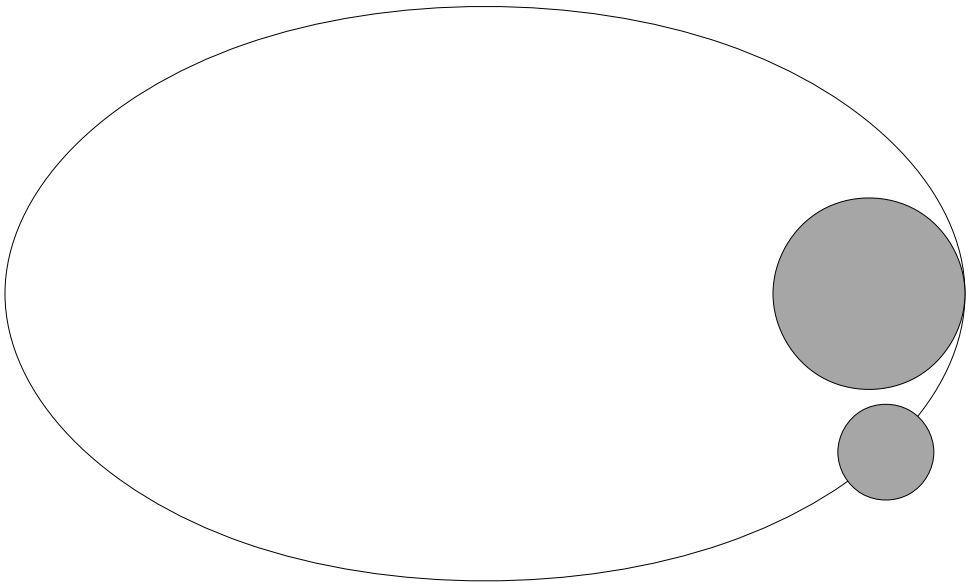
CURRENT PARAMETERS
a = 1.0
e = 0.8
day = 1030.43
theta = 0



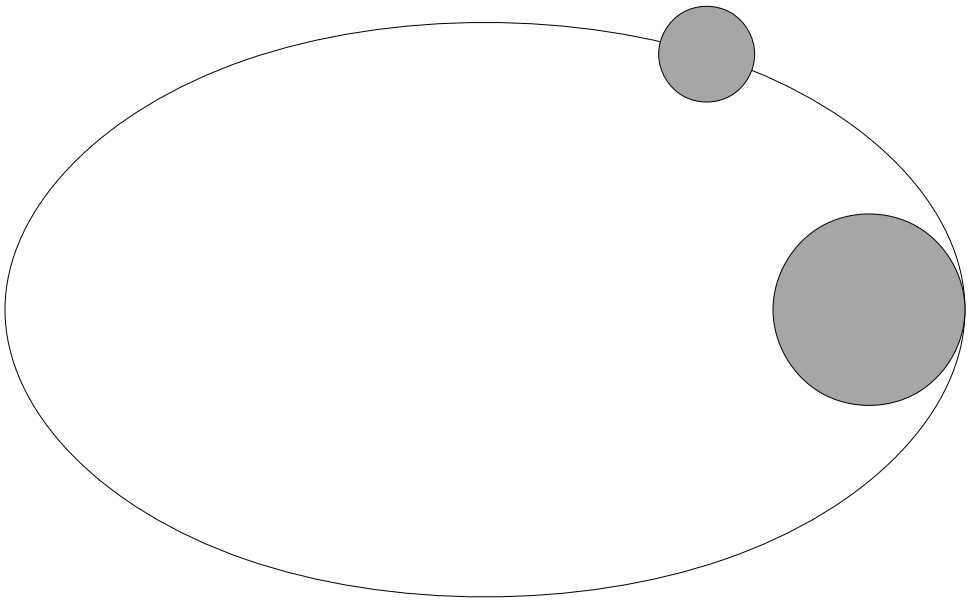
CURRENT PARAMETERS
a = 1.0
e = 0.8
day = 1060.87
theta = 0



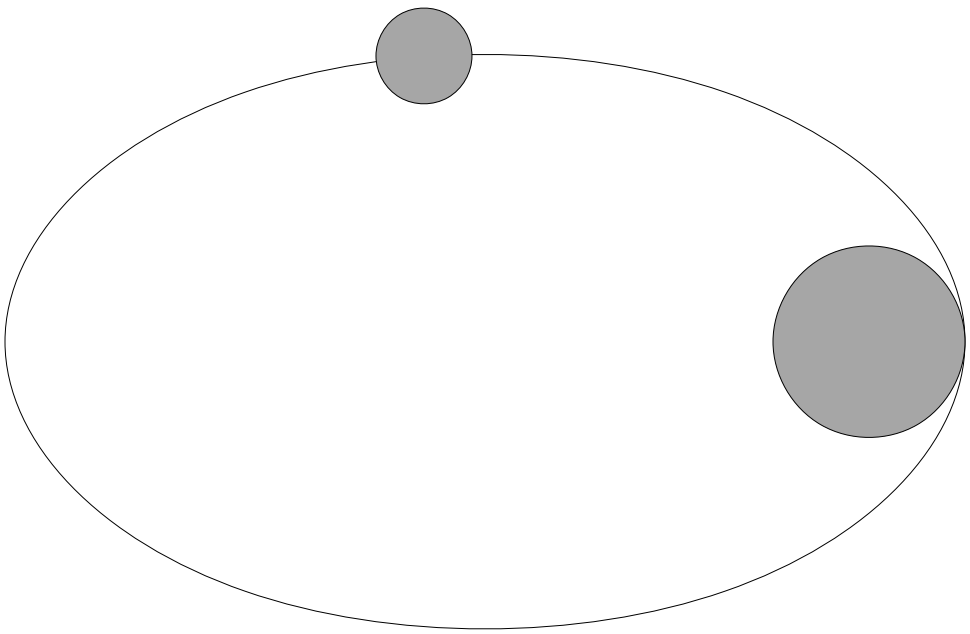
CURRENT PARAMETERS
a = 1.0
e = 0.8
day = 1091.31
theta = 0



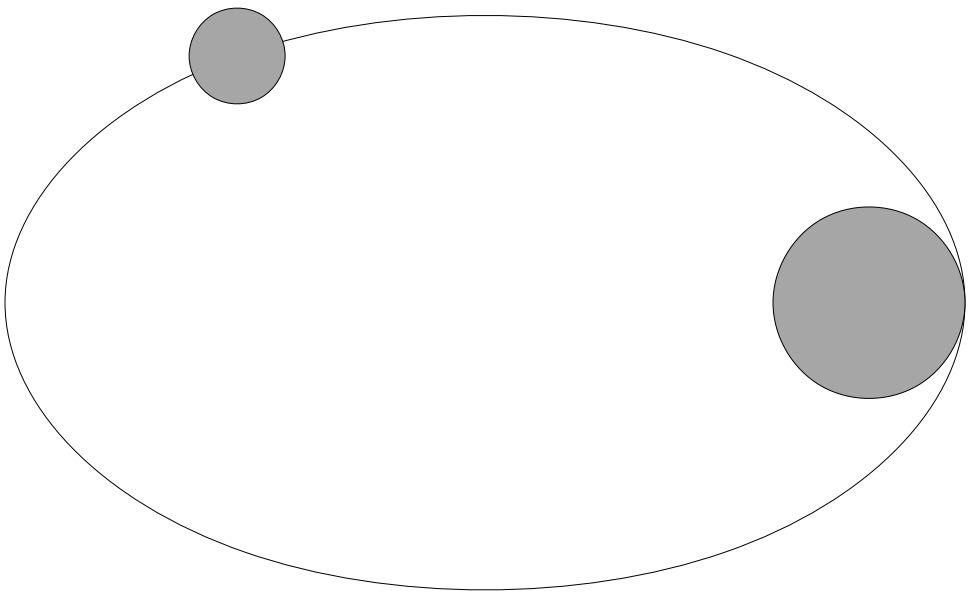
CURRENT PARAMETERS
a = 1.0
e = 0.8
day = 1121.74
theta = 0



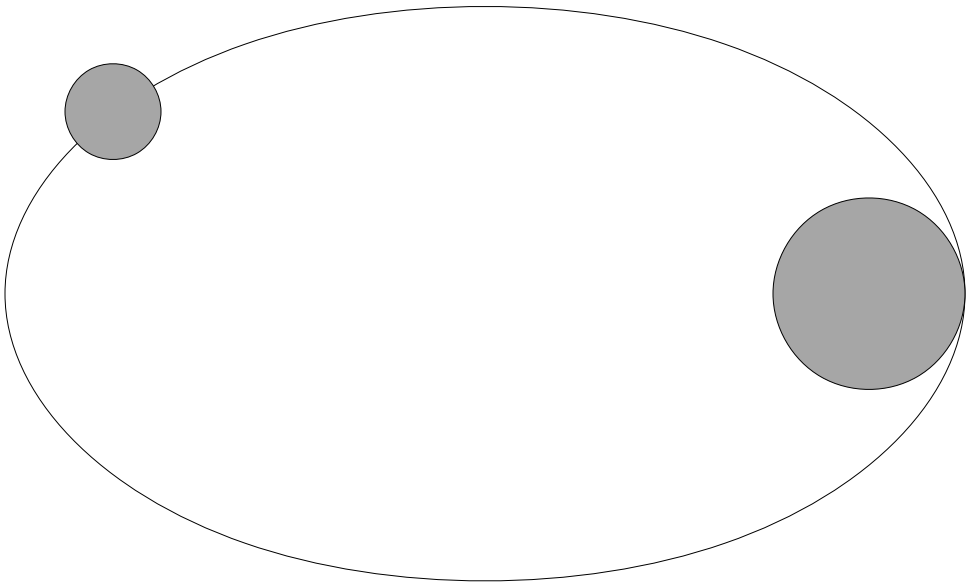
CURRENT PARAMETERS
a = 1.0
e = 0.8
day = 1152.18
theta = 0



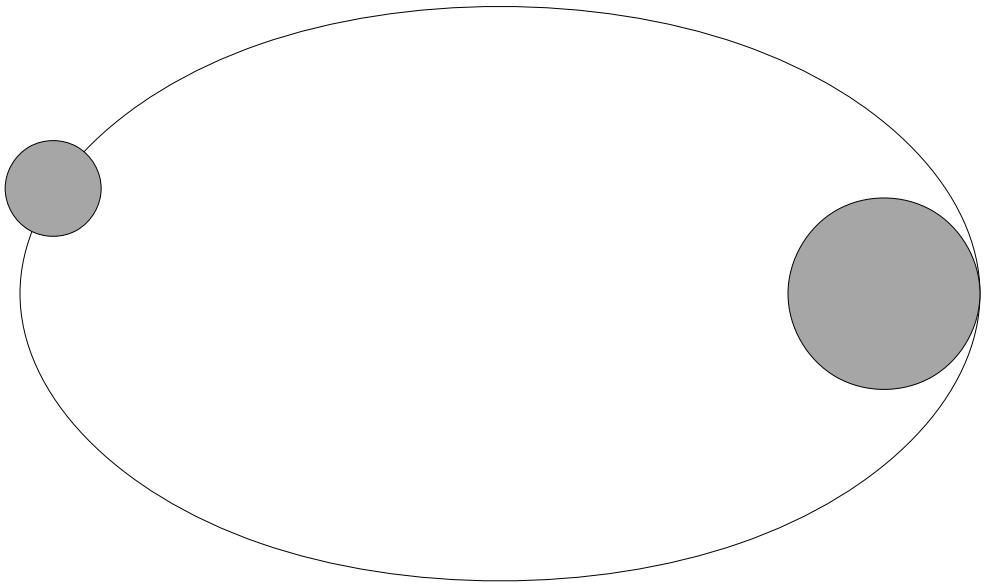
CURRENT PARAMETERS
a = 1.0
e = 0.8
day = 1182.62
theta = 0



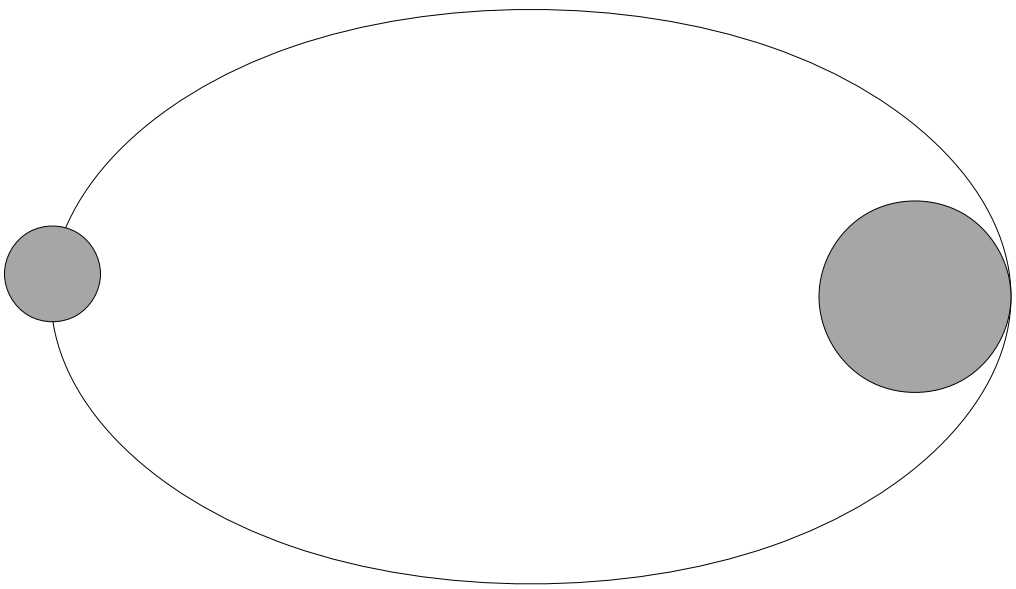
CURRENT PARAMETERS
a = 1.0
e = 0.8
day = 1213.05
theta = 0



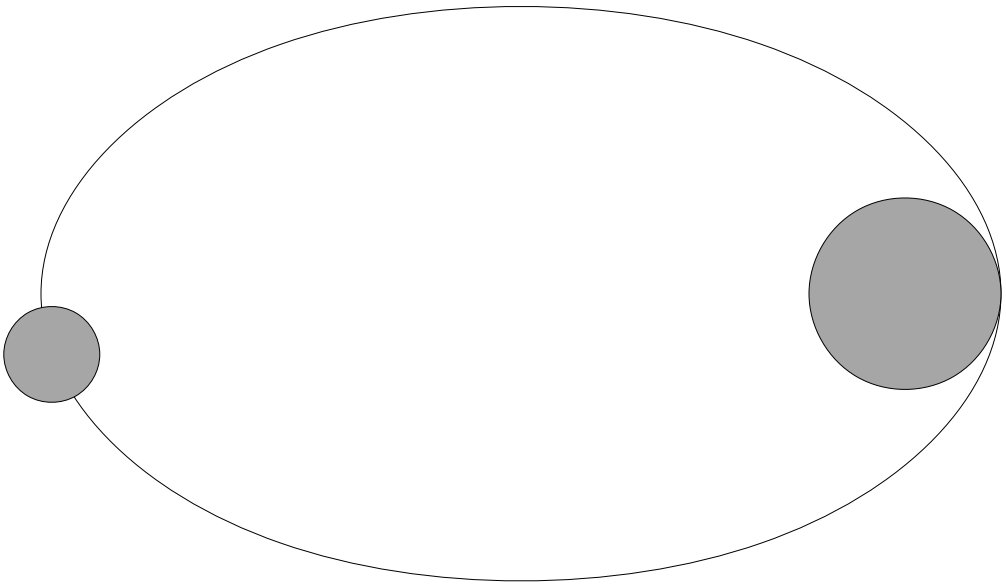
CURRENT PARAMETERS
a = 1.0
e = 0.8
day = 1243.49
theta = 0



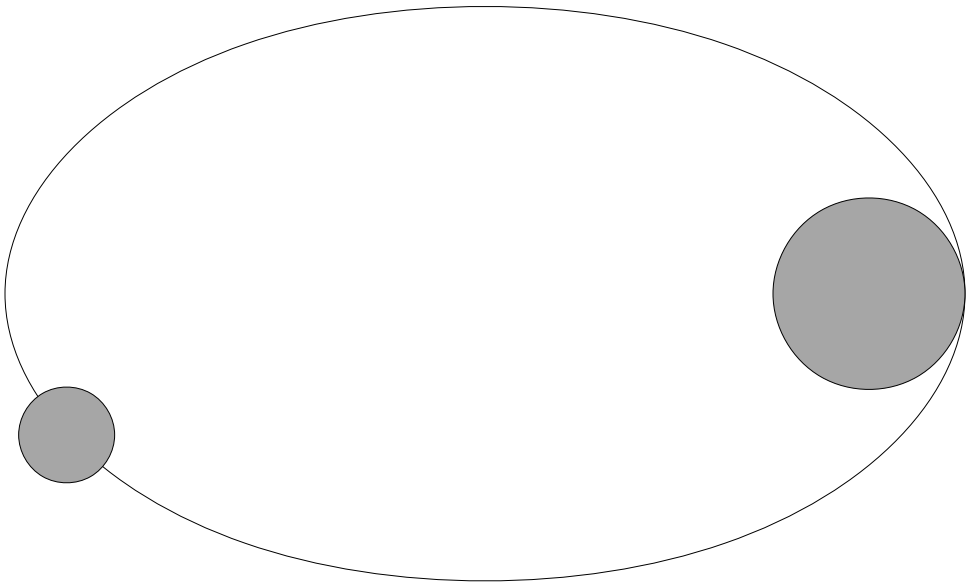
CURRENT PARAMETERS
a = 1.0
e = 0.8
day = 1273.93
theta = 0



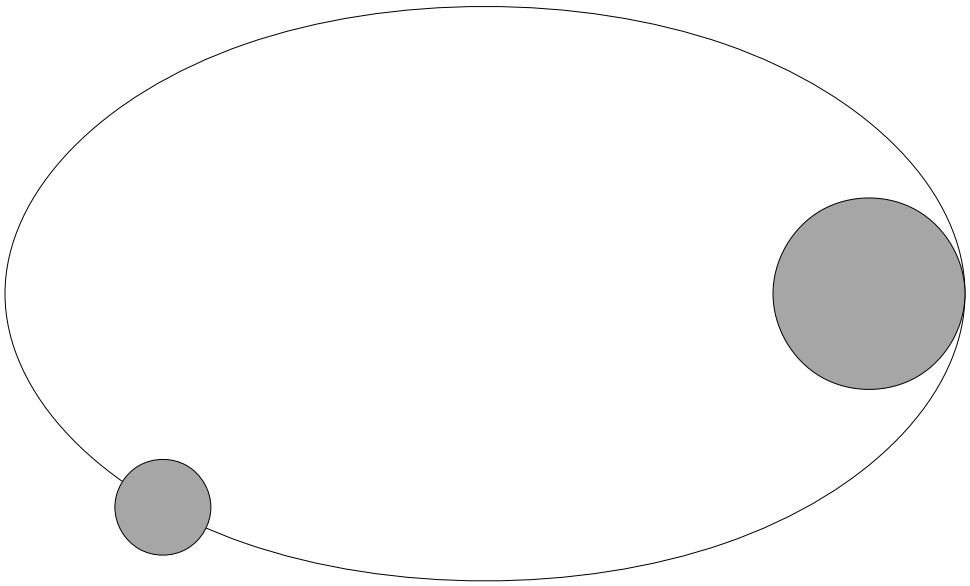
CURRENT PARAMETERS
a = 1.0
e = 0.8
day = 1304.36
theta = 0



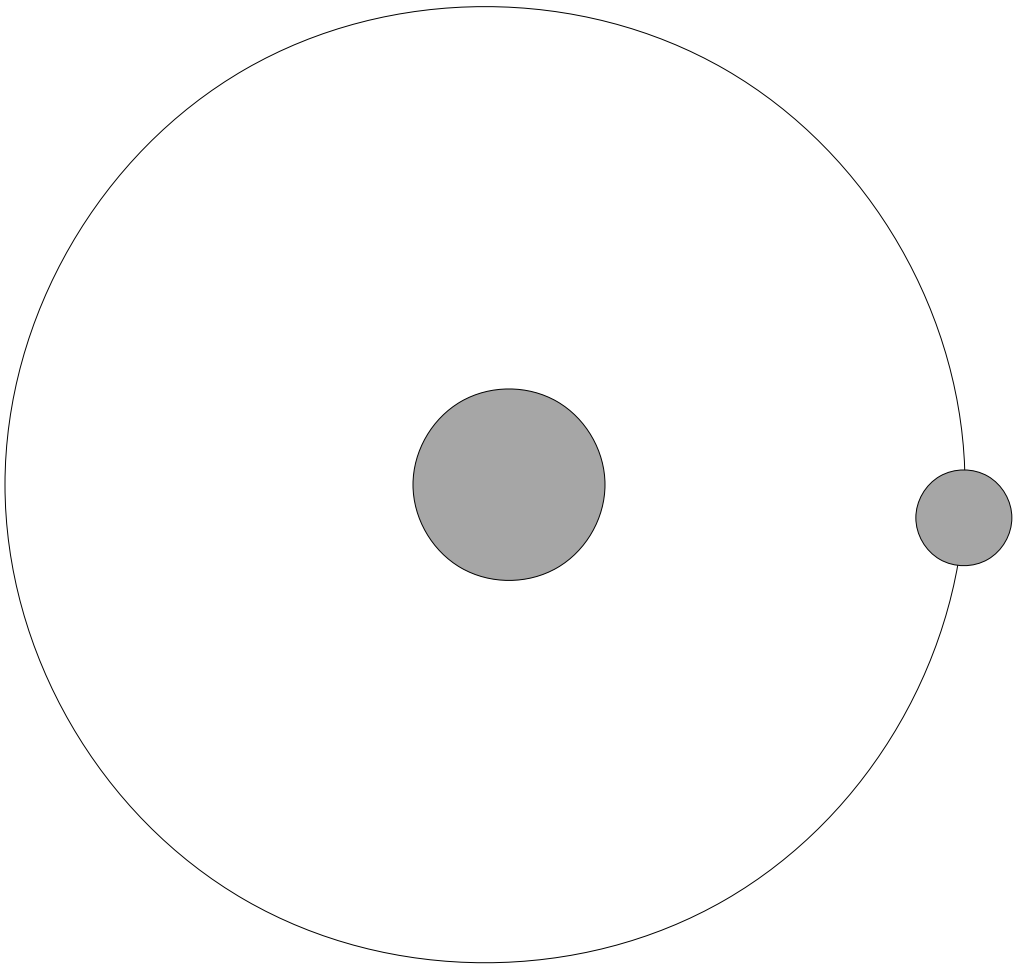
CURRENT PARAMETERS
a = 1.0
e = 0.8
day = 1334.8
theta = 0



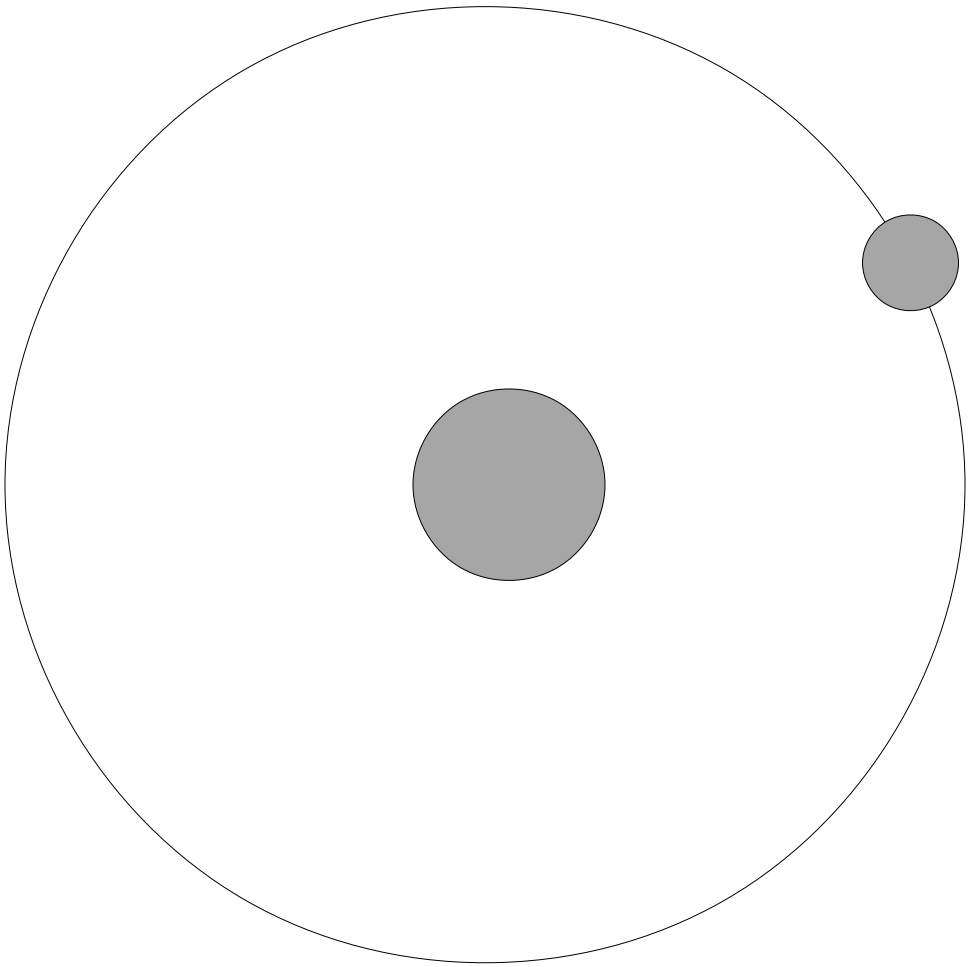
CURRENT PARAMETERS
a = 1.0
e = 0.8
day = 1365.24
theta = 0



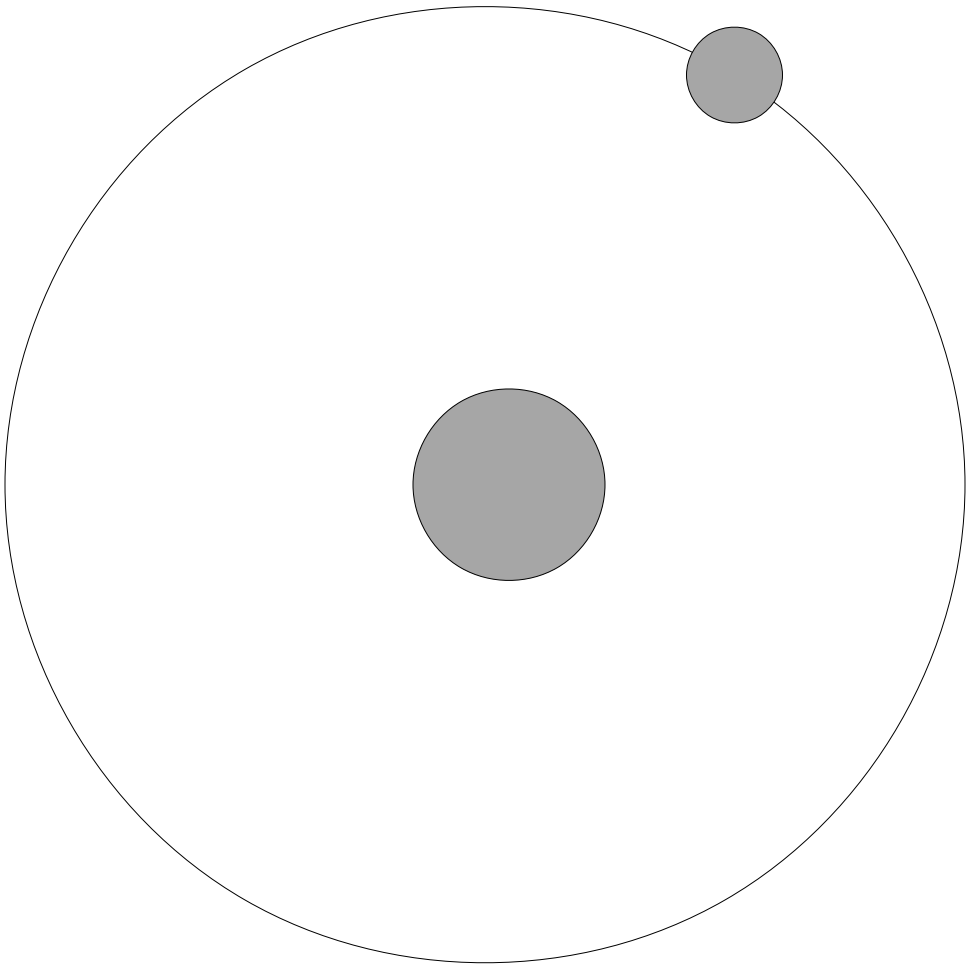
CURRENT PARAMETERS
a = 1.0
e = 0.05
day = 0.0
theta = 0



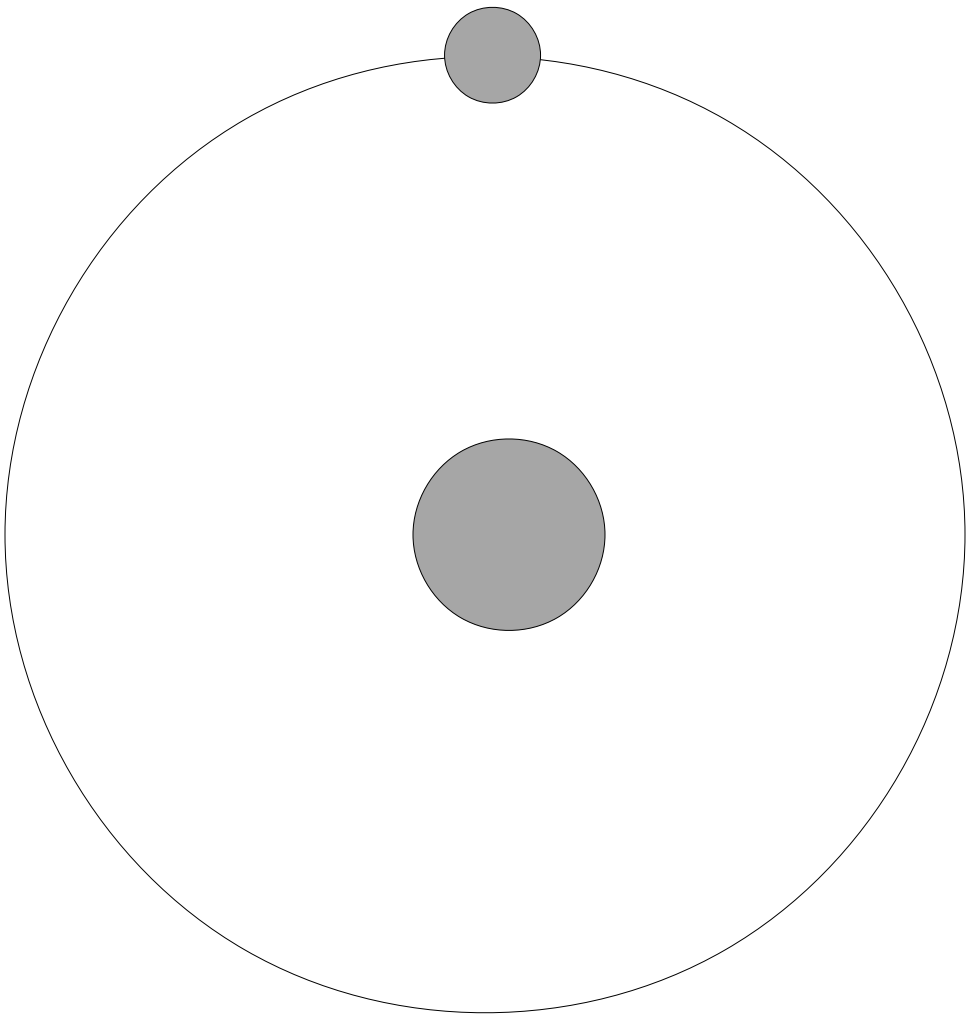
CURRENT PARAMETERS
a = 1.0
e = 0.05
day = 30.43
theta = 0



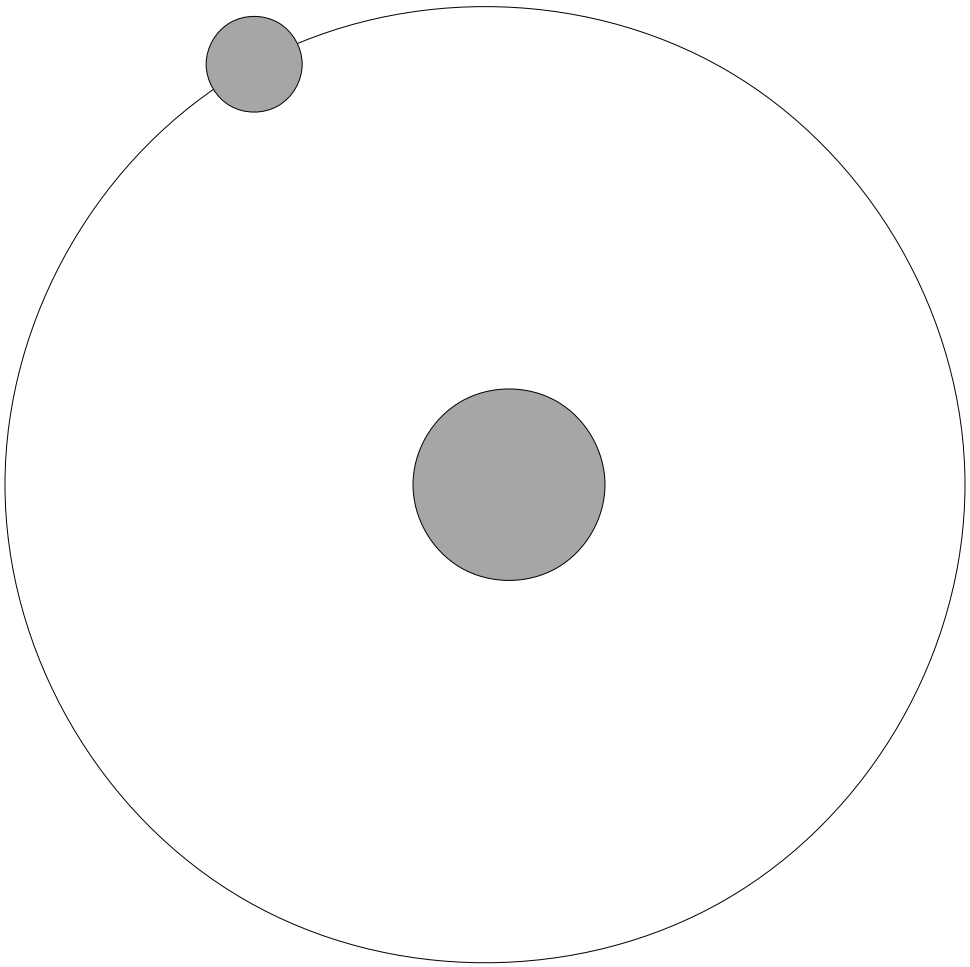
CURRENT PARAMETERS
a = 1.0
e = 0.05
day = 60.87
theta = 0



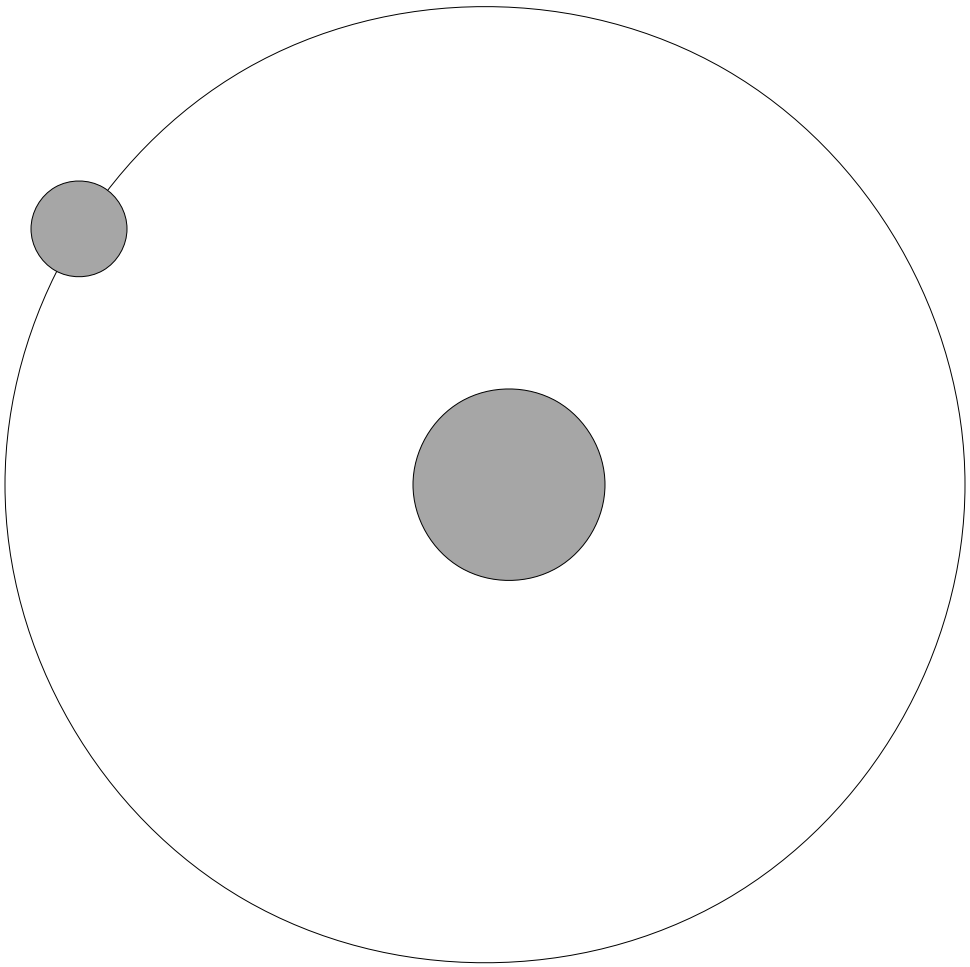
CURRENT PARAMETERS
a = 1.0
e = 0.05
day = 91.31
theta = 0



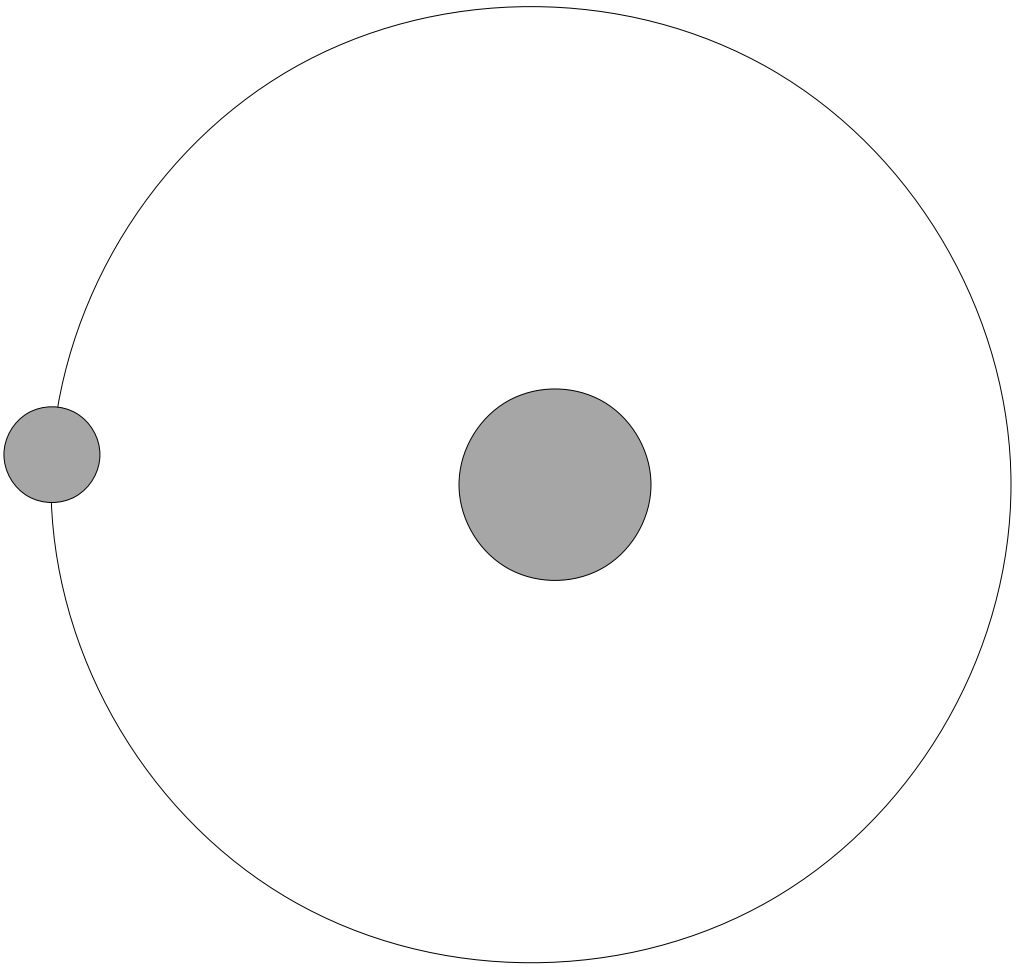
CURRENT PARAMETERS
a = 1.0
e = 0.05
day = 121.74
theta = 0



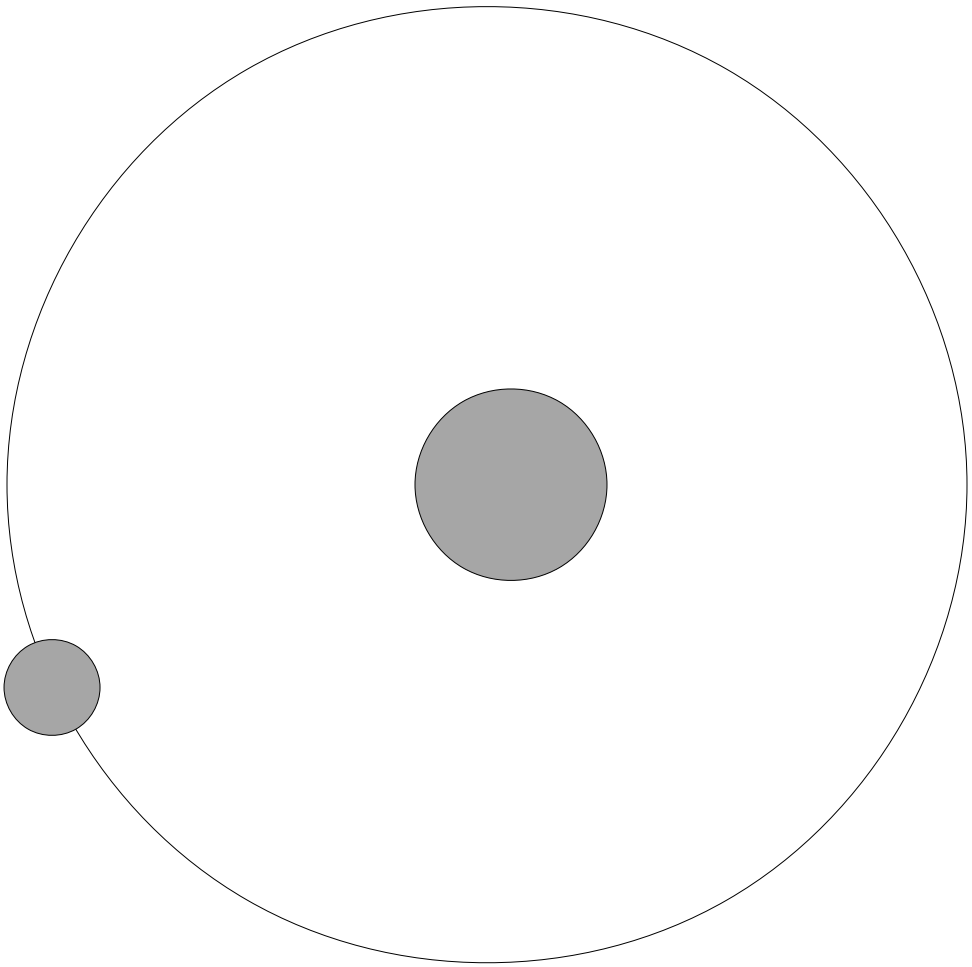
CURRENT PARAMETERS
a = 1.0
e = 0.05
day = 152.18
theta = 0



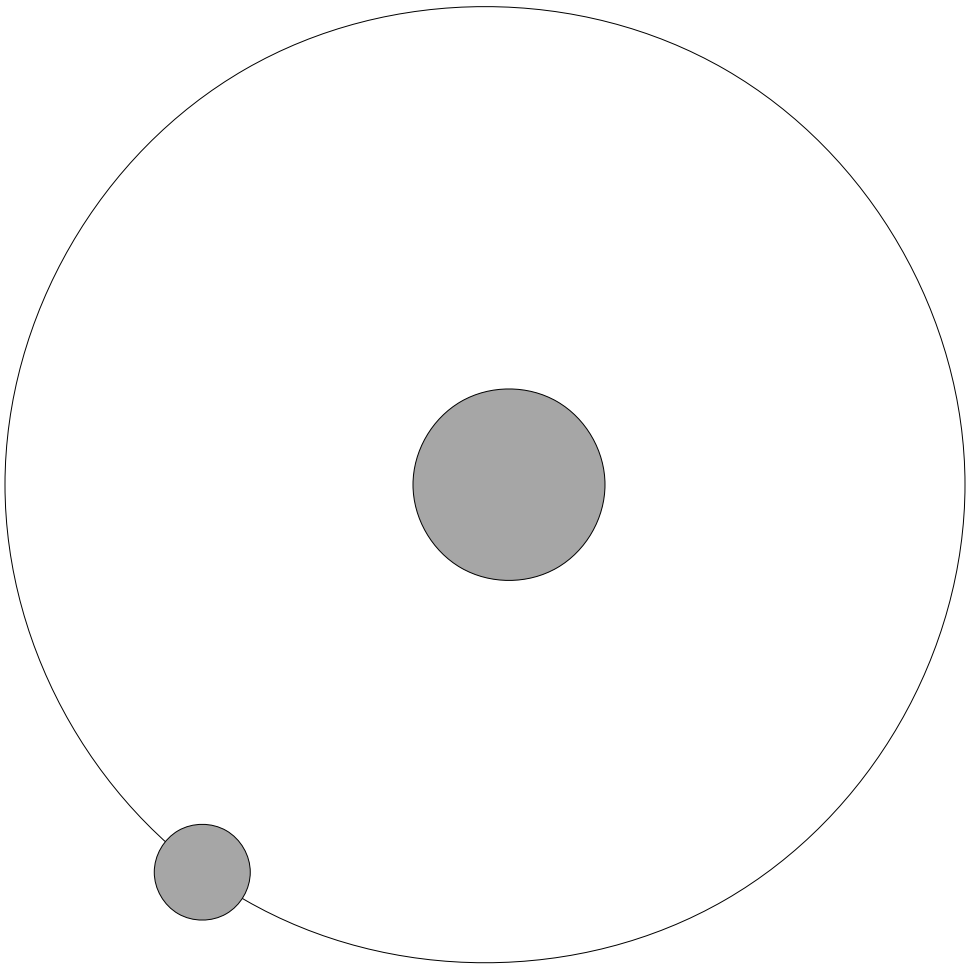
CURRENT PARAMETERS
a = 1.0
e = 0.05
day = 182.62
theta = 0



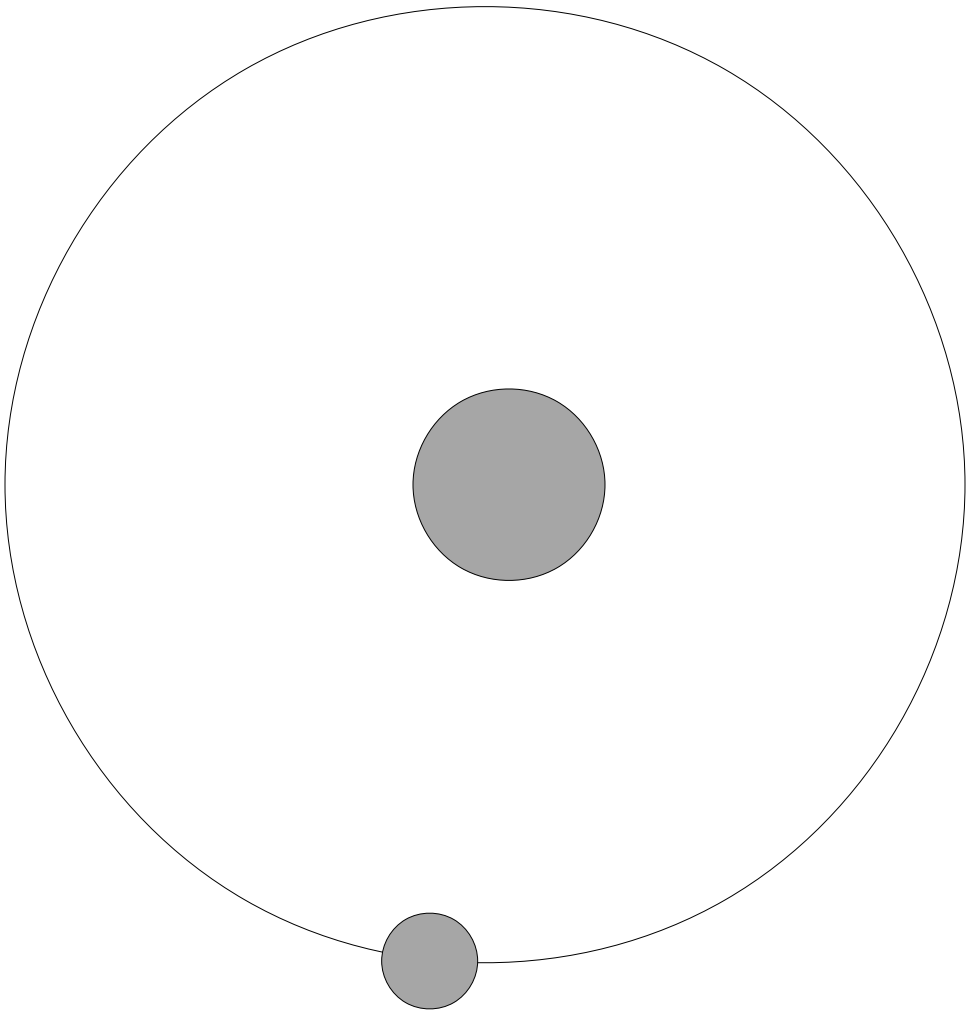
CURRENT PARAMETERS
a = 1.0
e = 0.05
day = 213.05
theta = 0



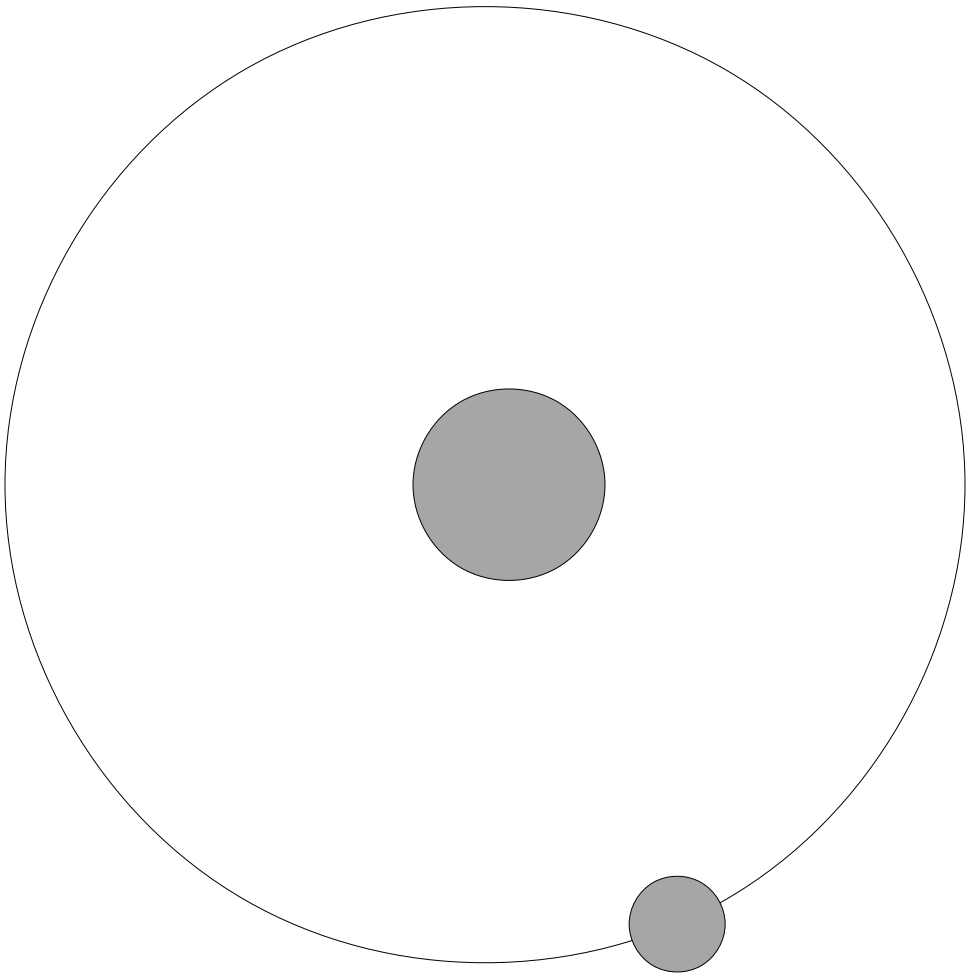
CURRENT PARAMETERS
a = 1.0
e = 0.05
day = 243.49
theta = 0



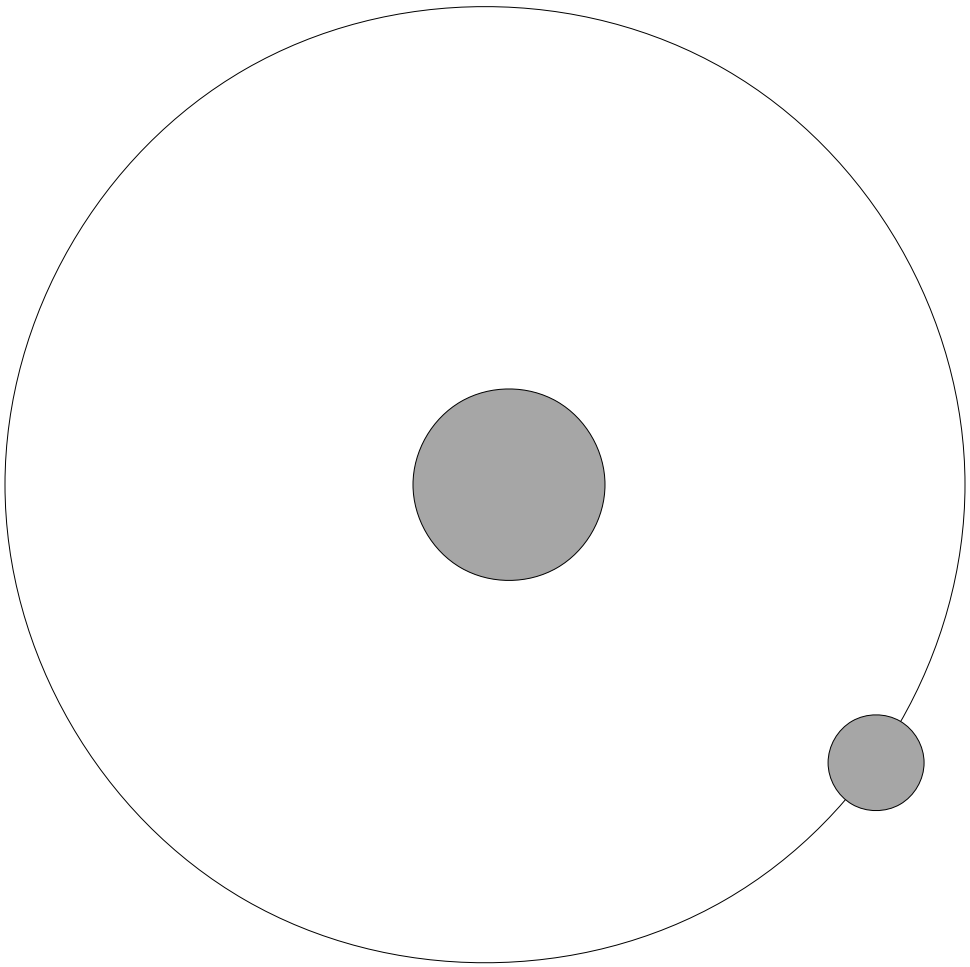
CURRENT PARAMETERS
a = 1.0
e = 0.05
day = 273.93
theta = 0



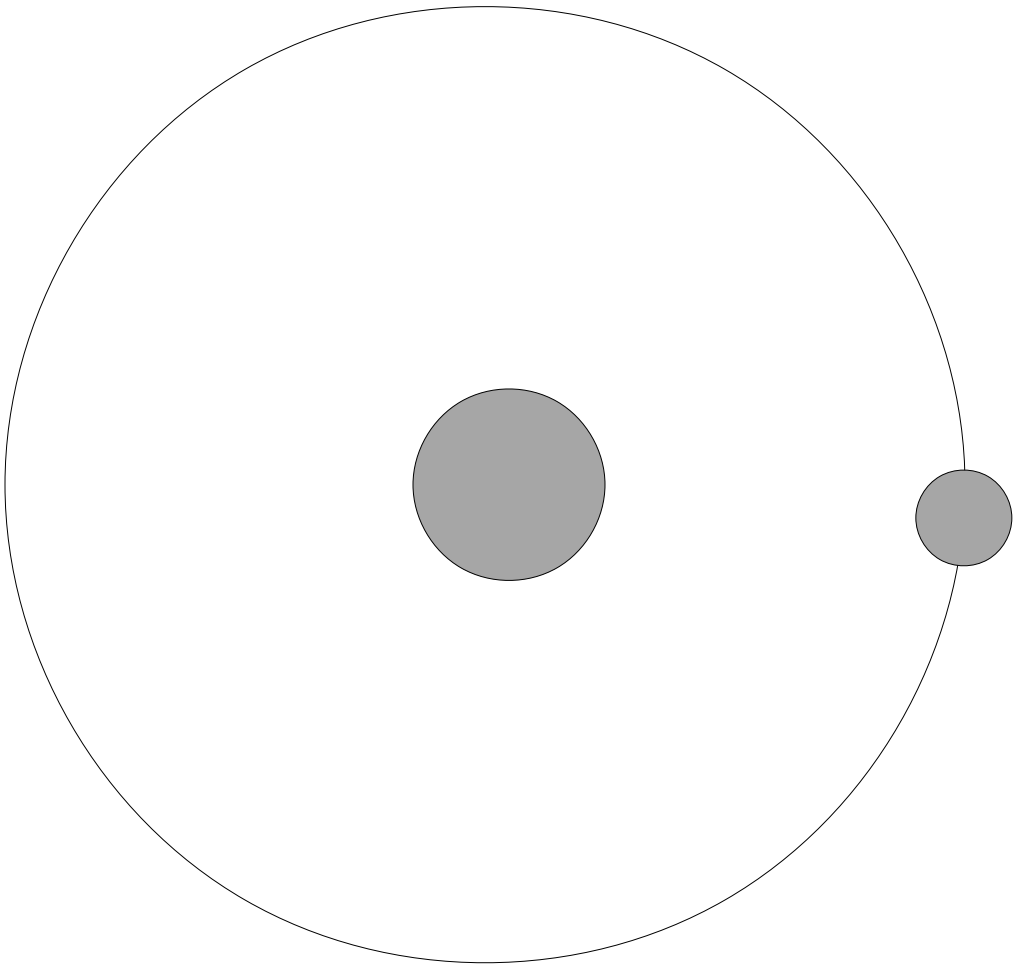
CURRENT PARAMETERS
a = 1.0
e = 0.05
day = 304.36
theta = 0



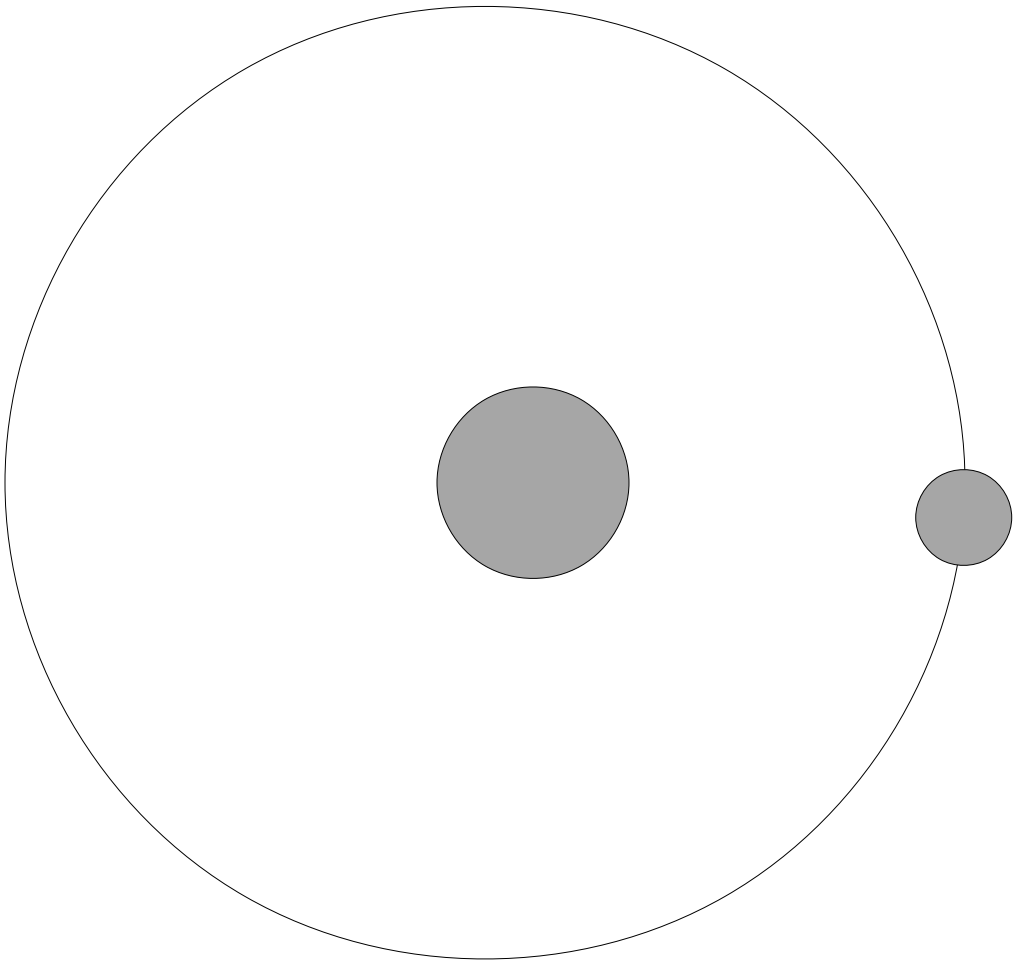
CURRENT PARAMETERS
a = 1.0
e = 0.05
day = 334.8
theta = 0



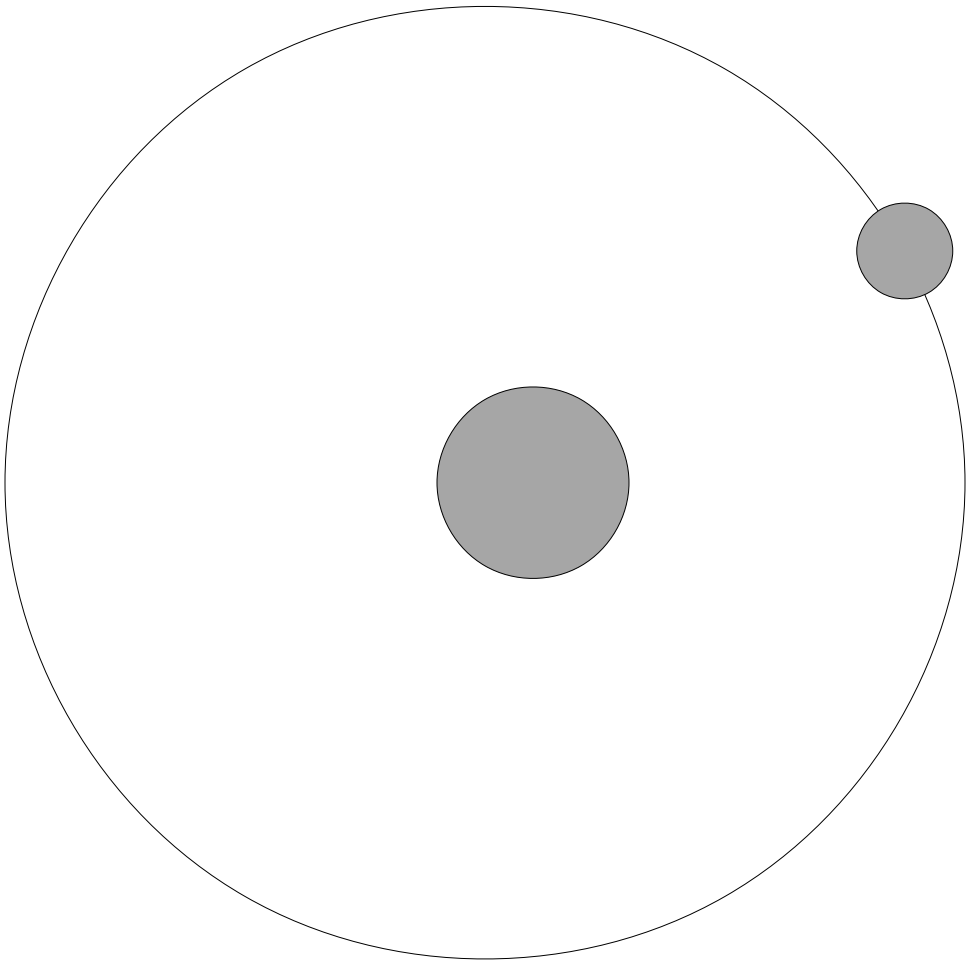
CURRENT PARAMETERS
a = 1.0
e = 0.05
day = 365.24
theta = 0



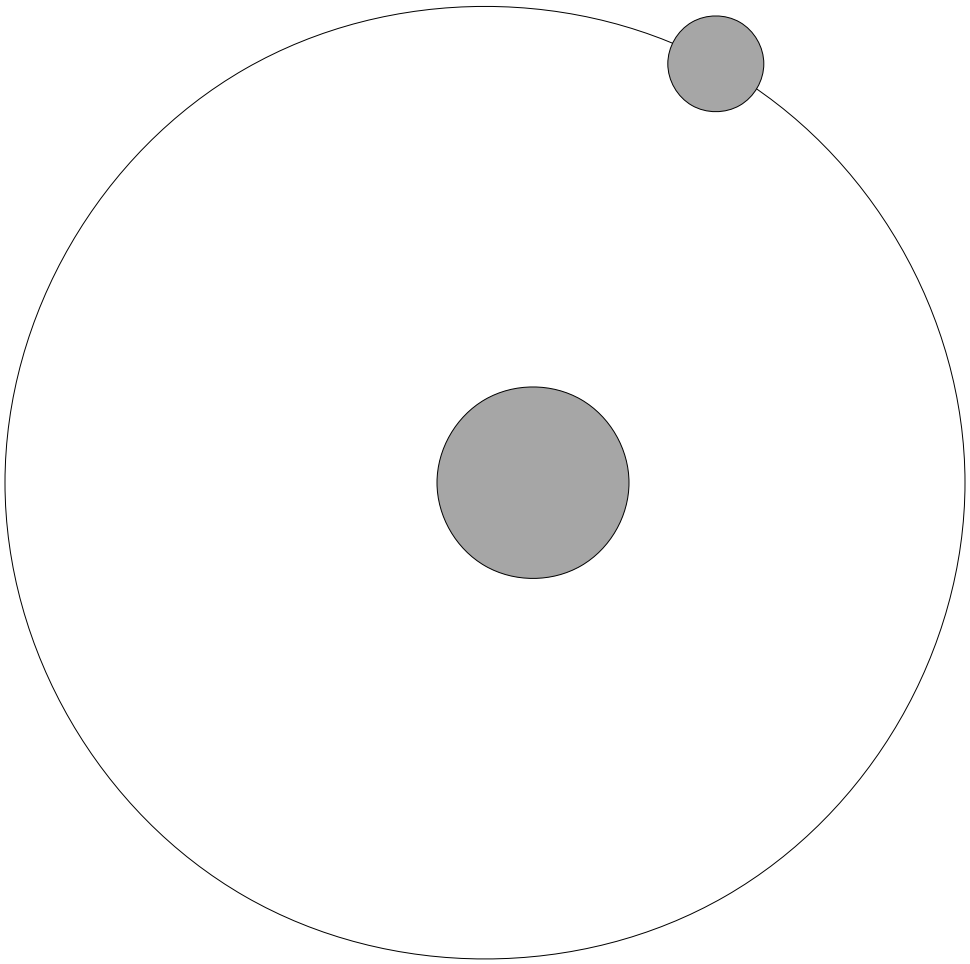
CURRENT PARAMETERS
a = 1.0
e = 0.1
day = 0.0
theta = 0



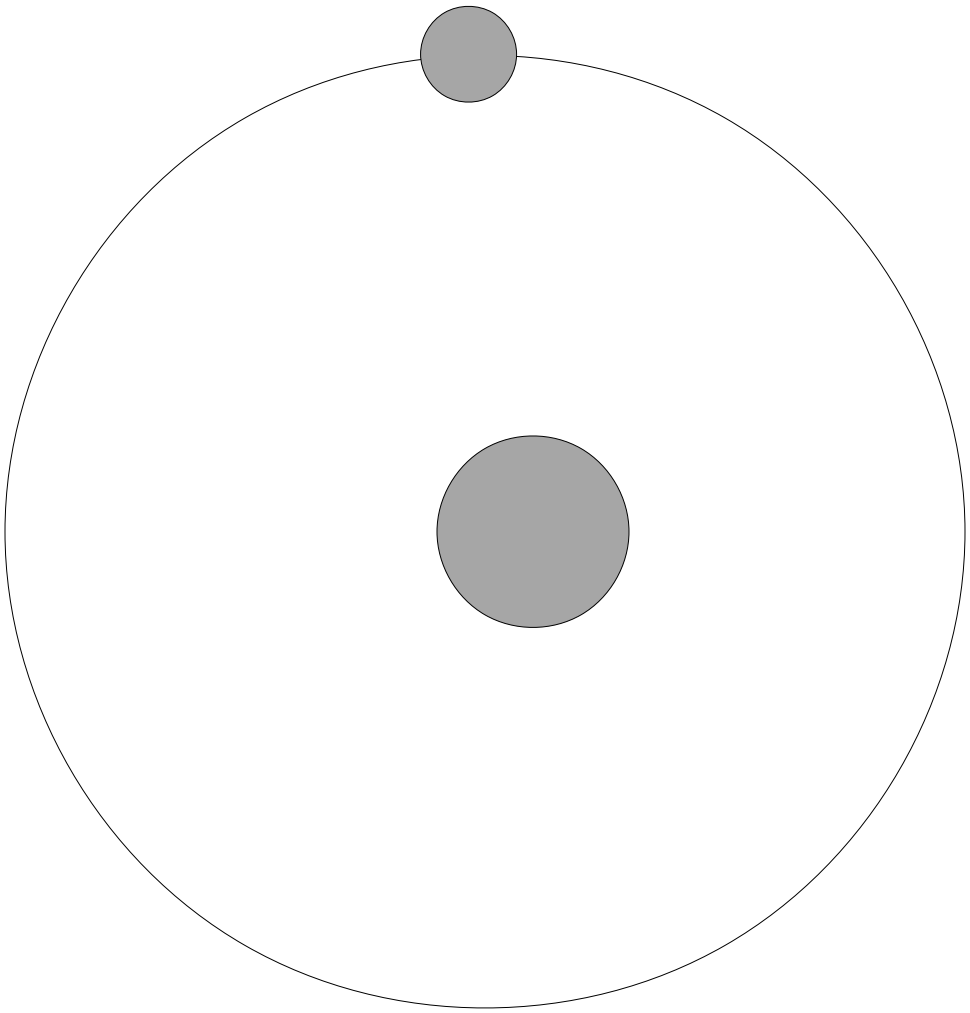
CURRENT PARAMETERS
a = 1.0
e = 0.1
day = 30.43
theta = 0



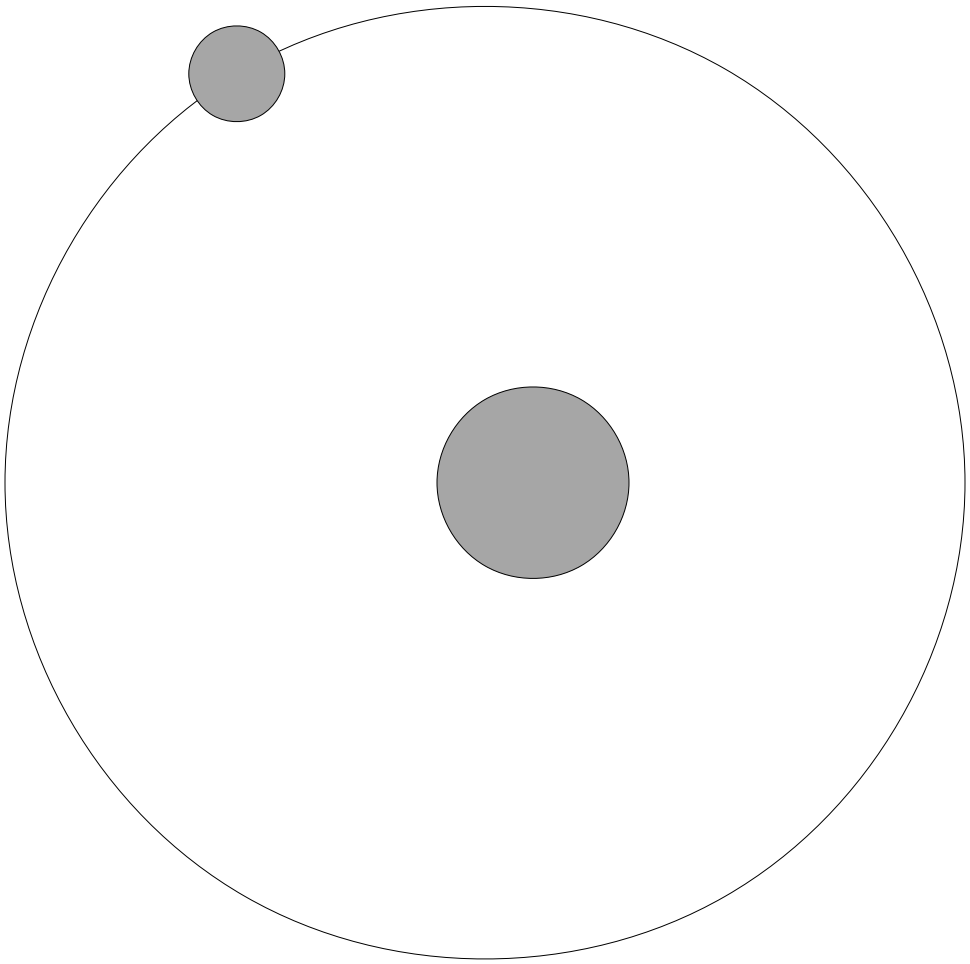
CURRENT PARAMETERS
a = 1.0
e = 0.1
day = 60.87
theta = 0



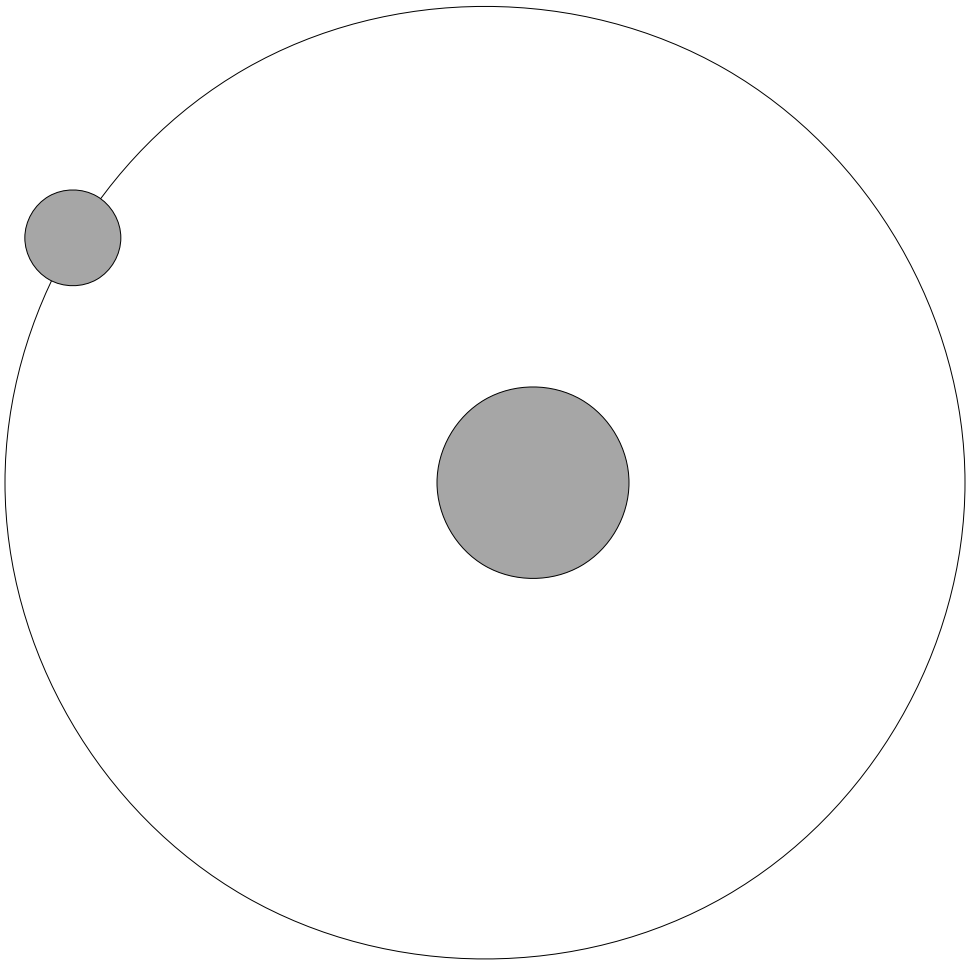
CURRENT PARAMETERS
a = 1.0
e = 0.1
day = 91.31
theta = 0



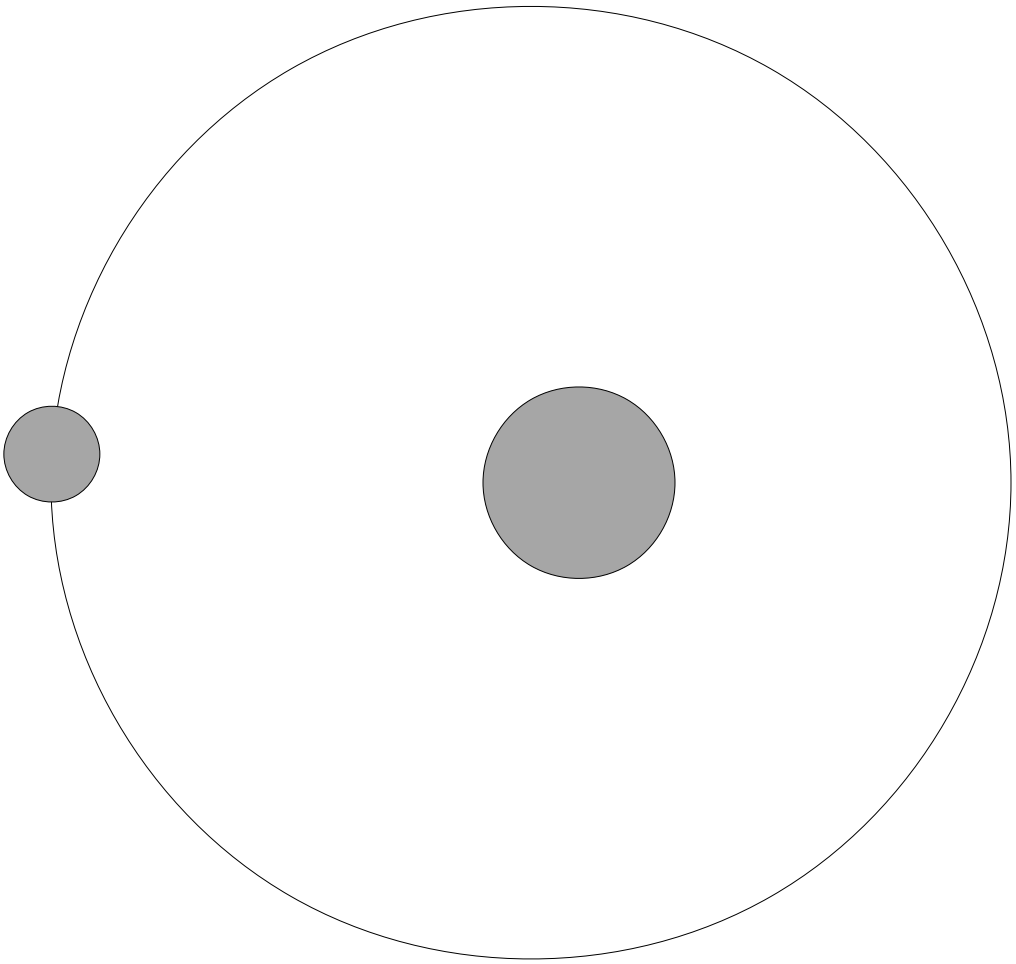
CURRENT PARAMETERS
a = 1.0
e = 0.1
day = 121.74
theta = 0



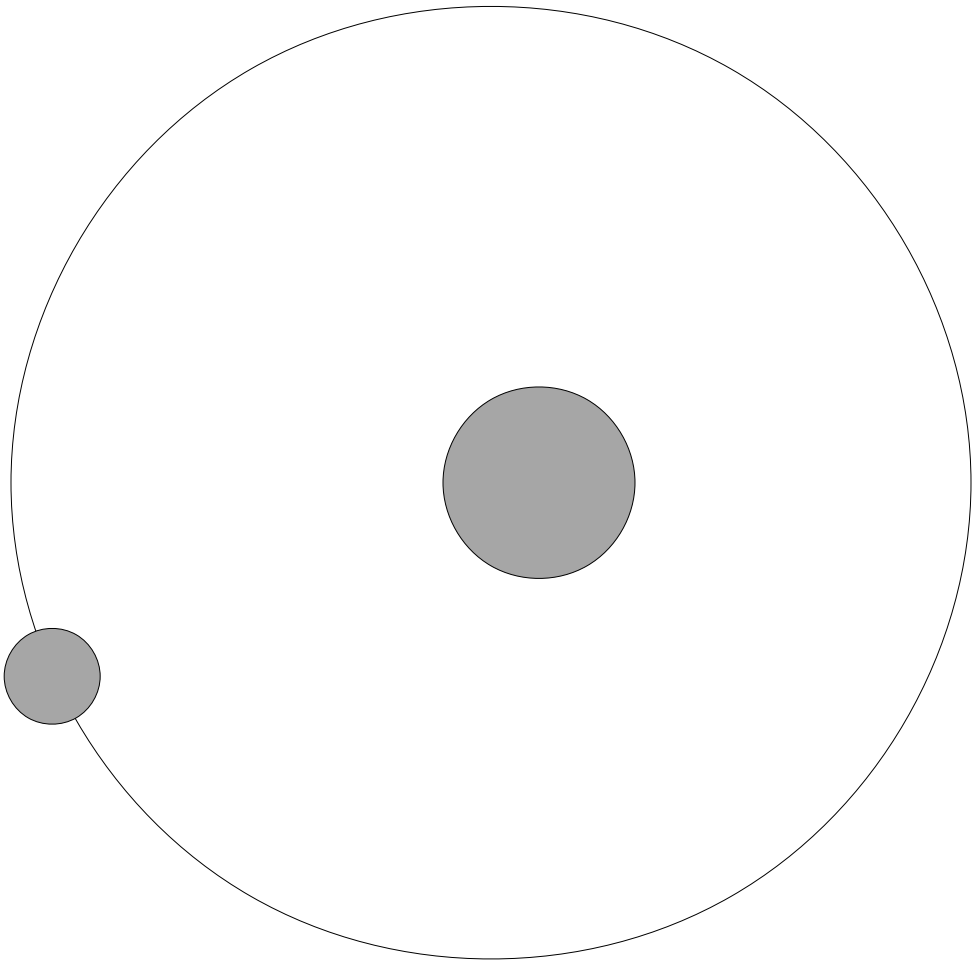
CURRENT PARAMETERS
a = 1.0
e = 0.1
day = 152.18
theta = 0



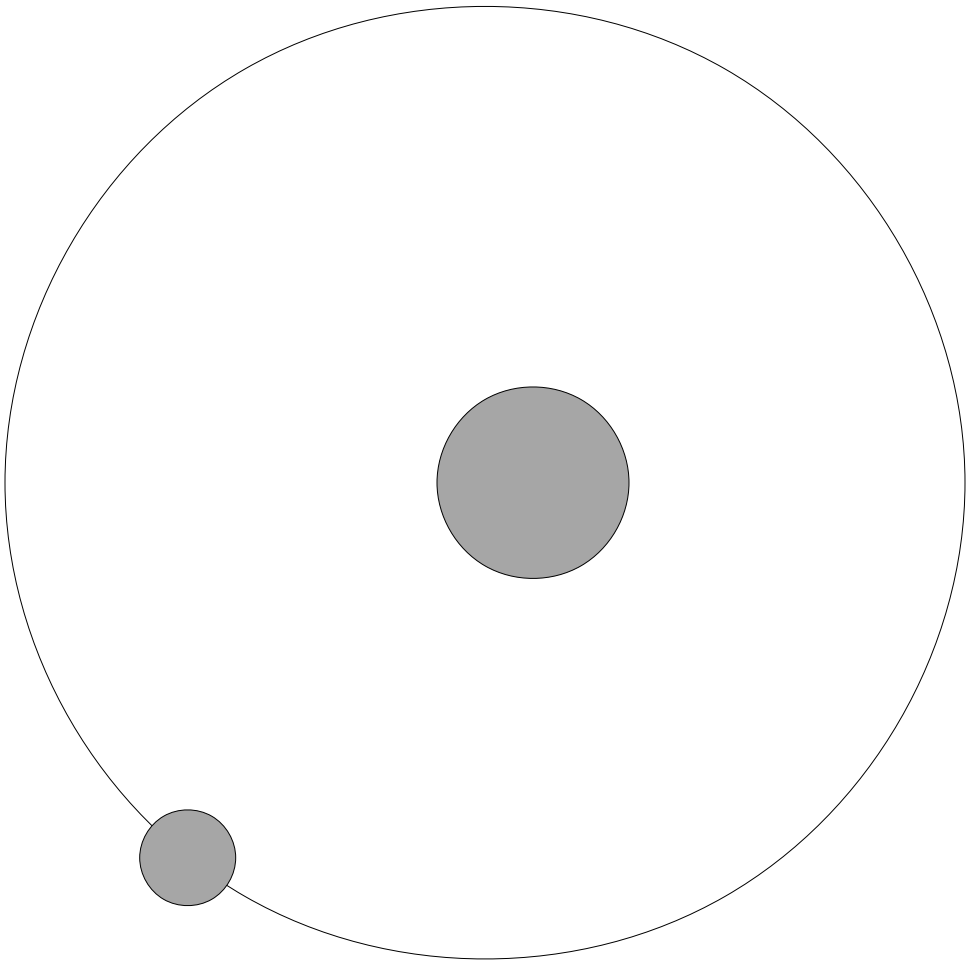
CURRENT PARAMETERS
a = 1.0
e = 0.1
day = 182.62
theta = 0



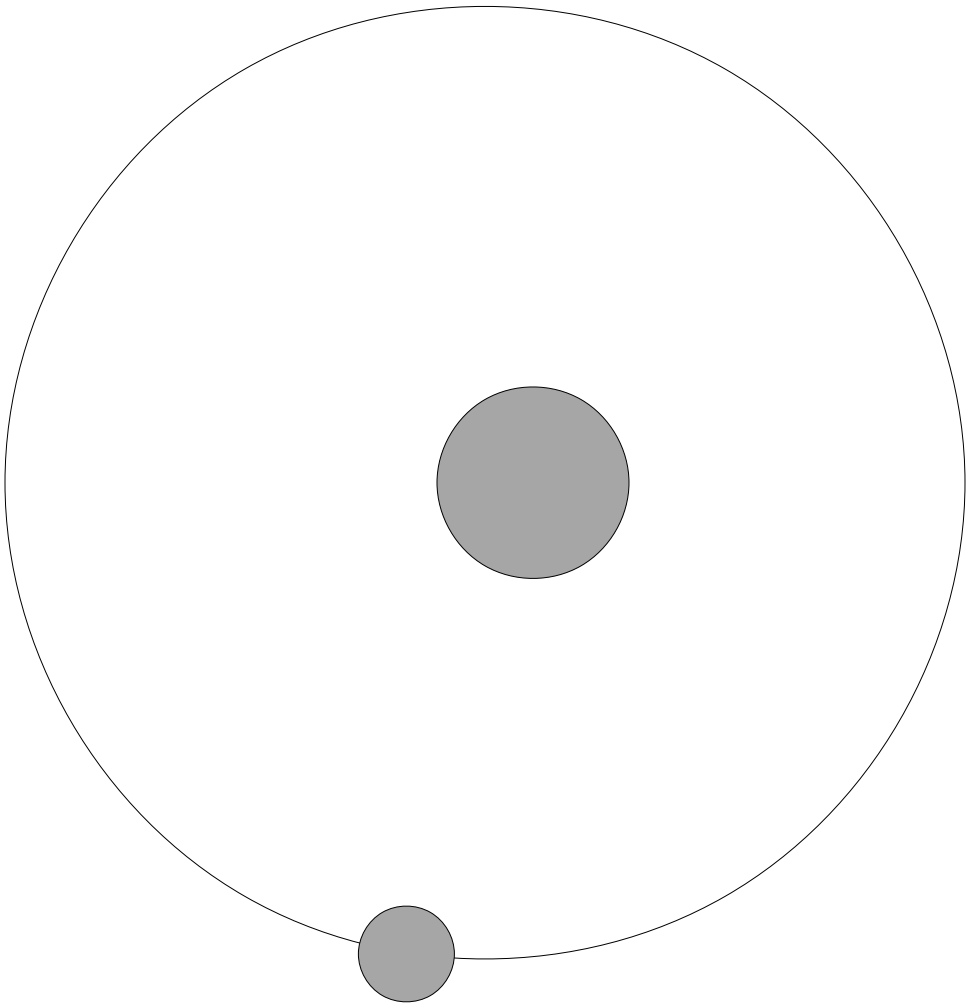
CURRENT PARAMETERS
a = 1.0
e = 0.1
day = 213.05
theta = 0



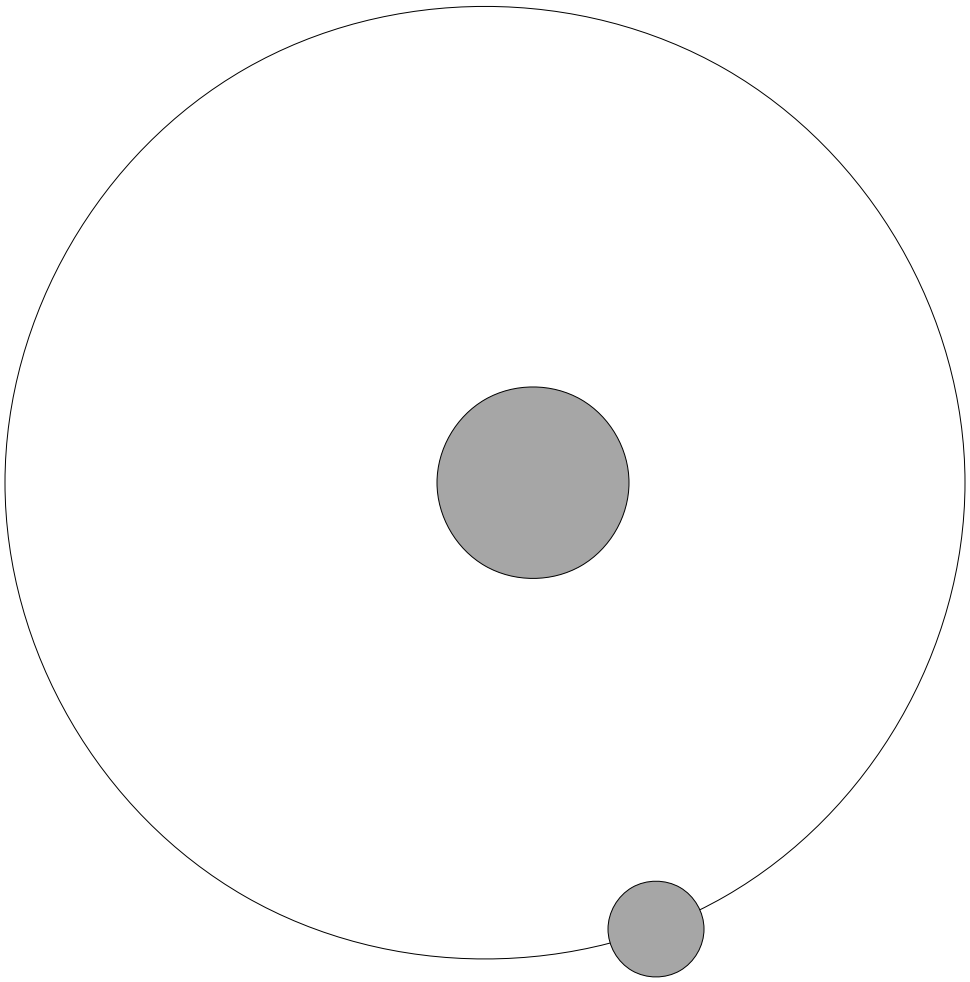
CURRENT PARAMETERS
a = 1.0
e = 0.1
day = 243.49
theta = 0



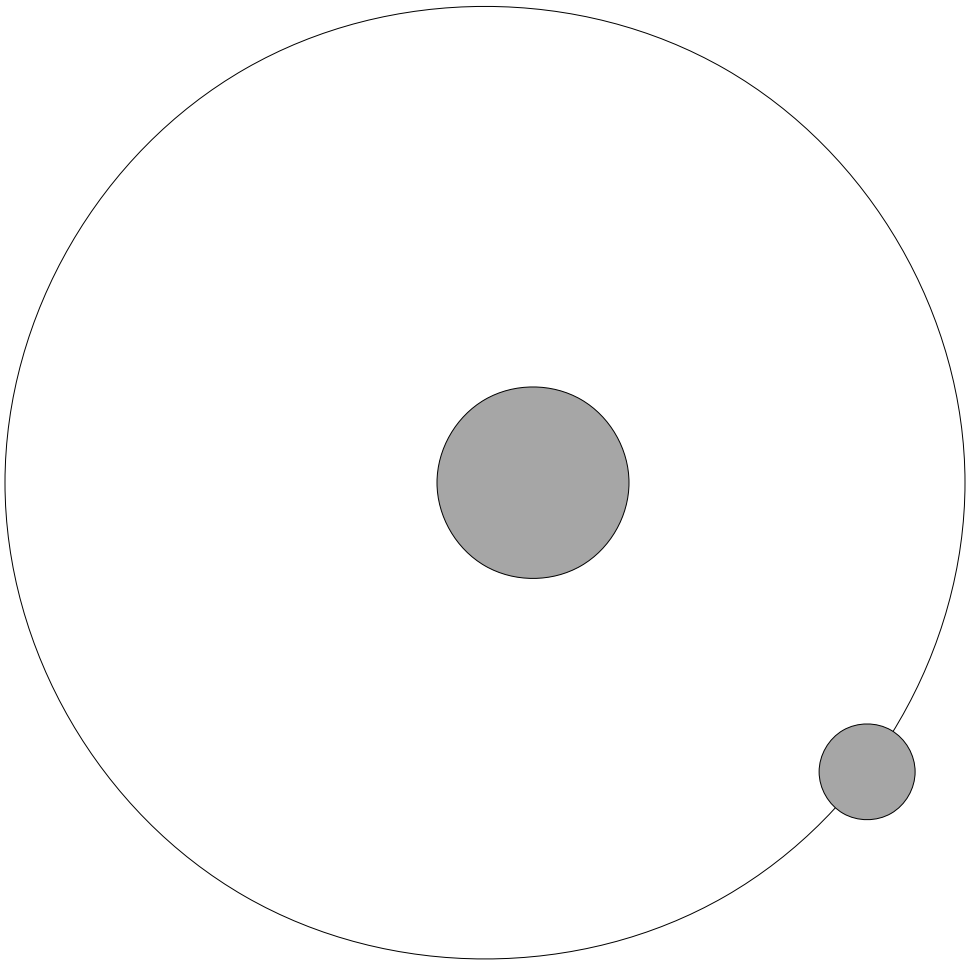
CURRENT PARAMETERS
a = 1.0
e = 0.1
day = 273.93
theta = 0



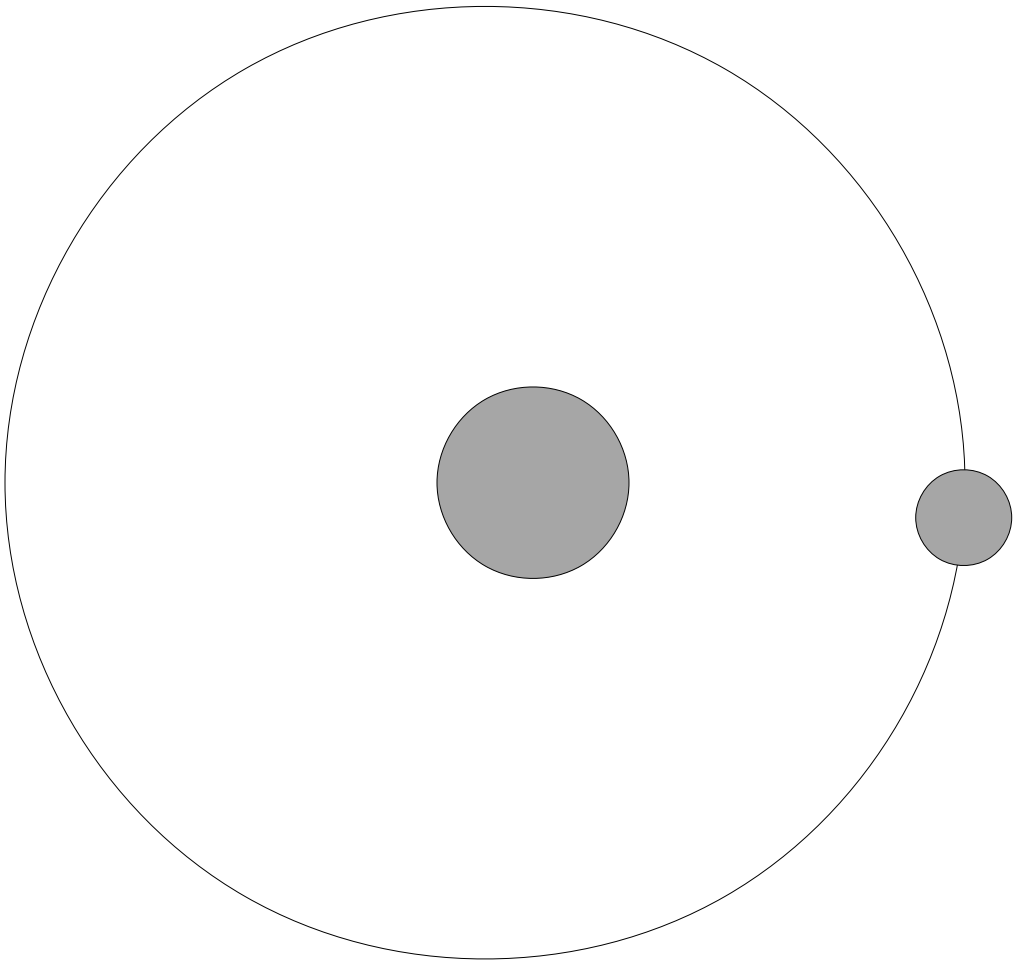
CURRENT PARAMETERS
a = 1.0
e = 0.1
day = 304.36
theta = 0



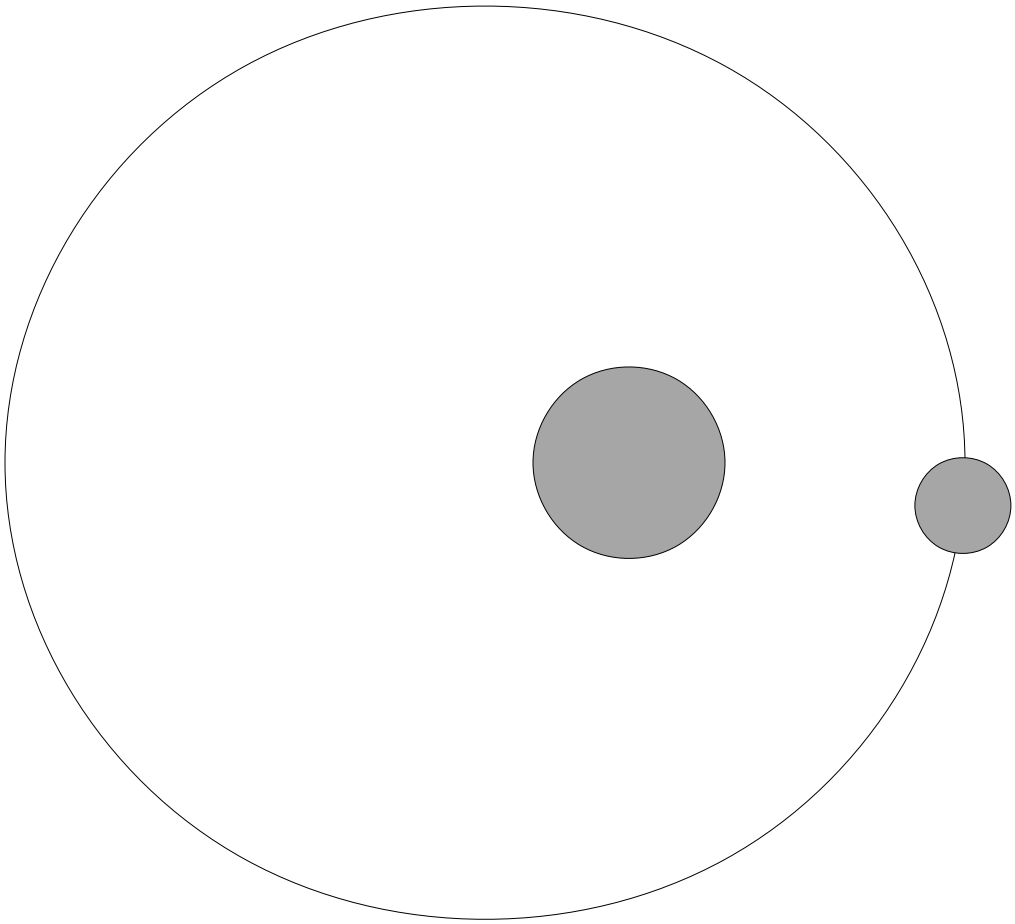
CURRENT PARAMETERS
a = 1.0
e = 0.1
day = 334.8
theta = 0



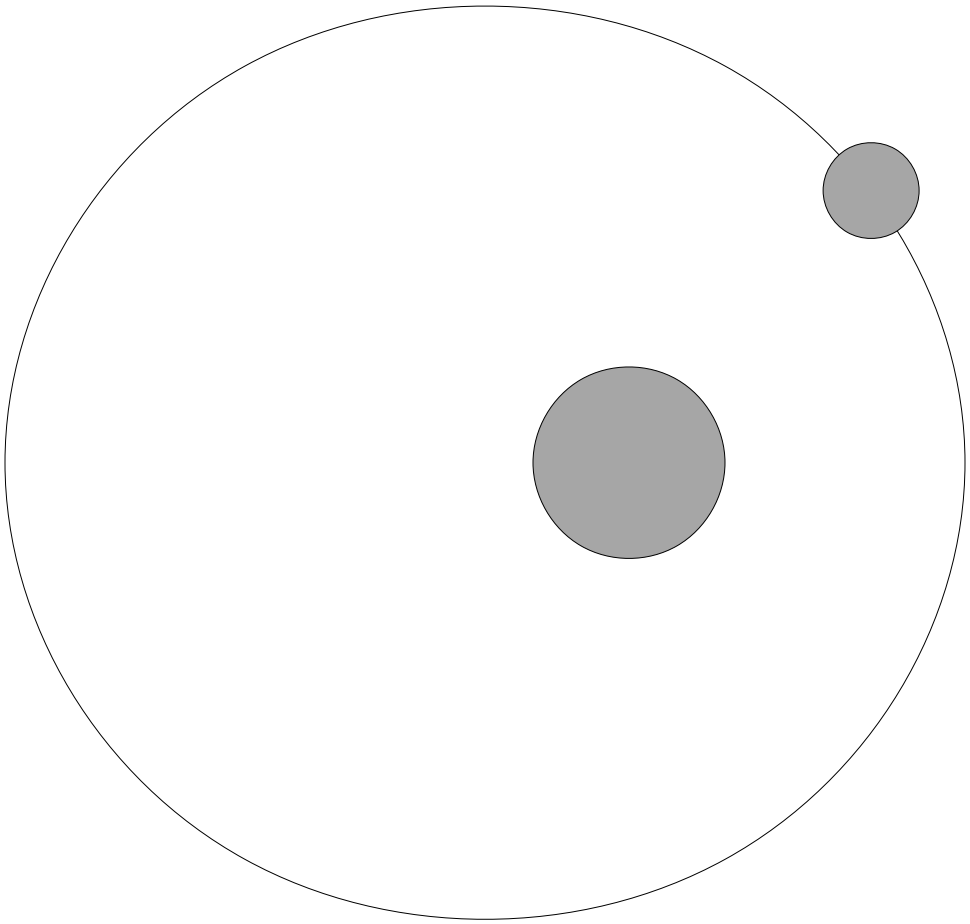
CURRENT PARAMETERS
a = 1.0
e = 0.1
day = 365.24
theta = 0



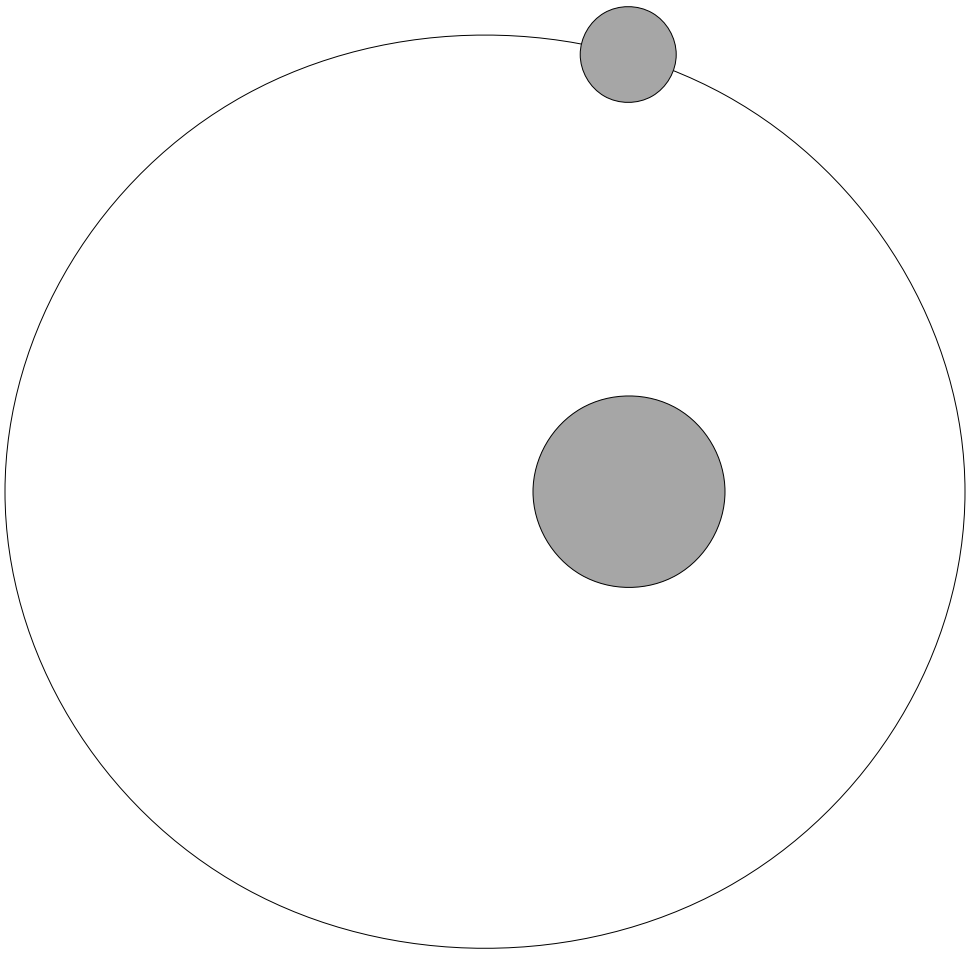
CURRENT PARAMETERS
a = 1.0
e = 0.3
day = 0.0
theta = 0



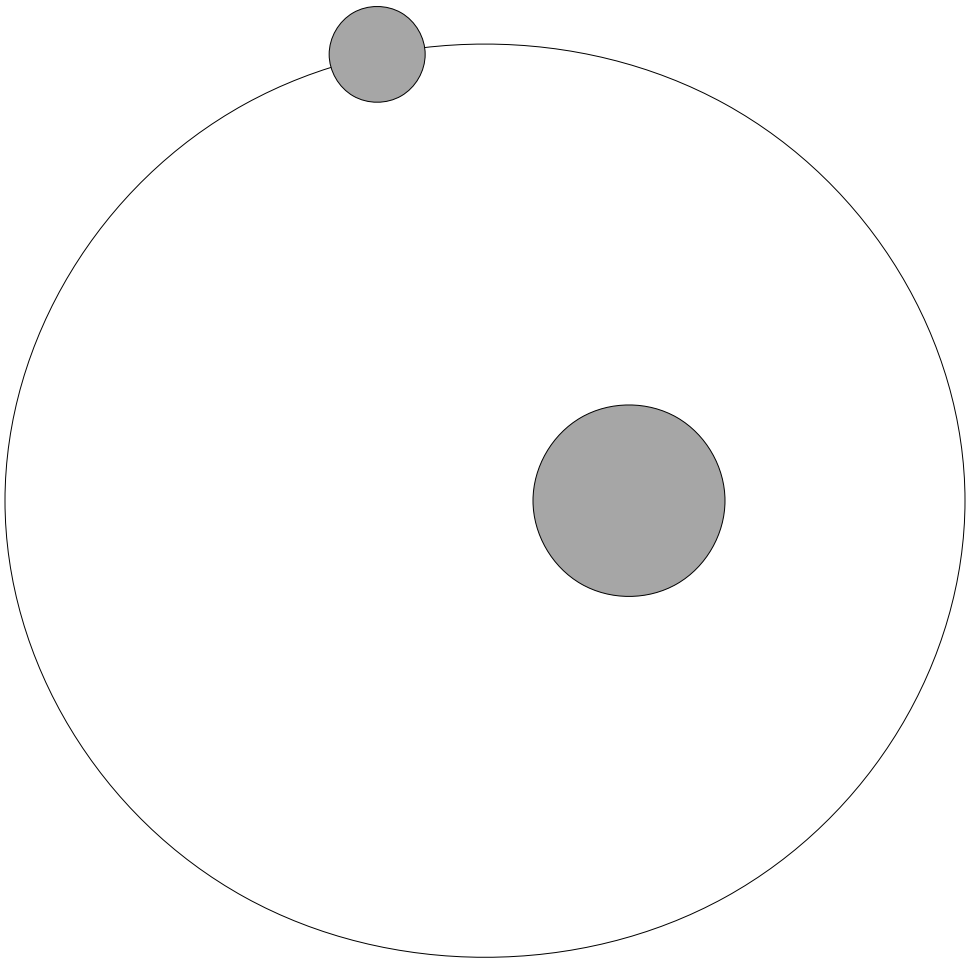
CURRENT PARAMETERS
a = 1.0
e = 0.3
day = 30.43
theta = 0



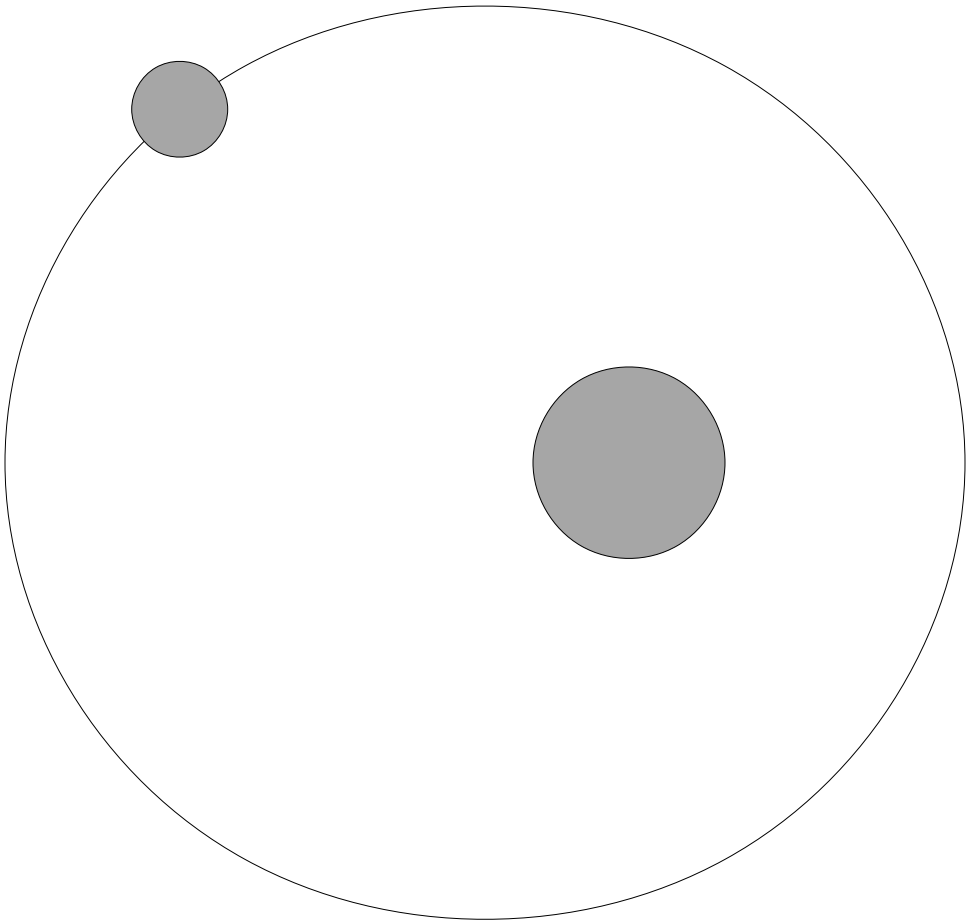
CURRENT PARAMETERS
a = 1.0
e = 0.3
day = 60.87
theta = 0



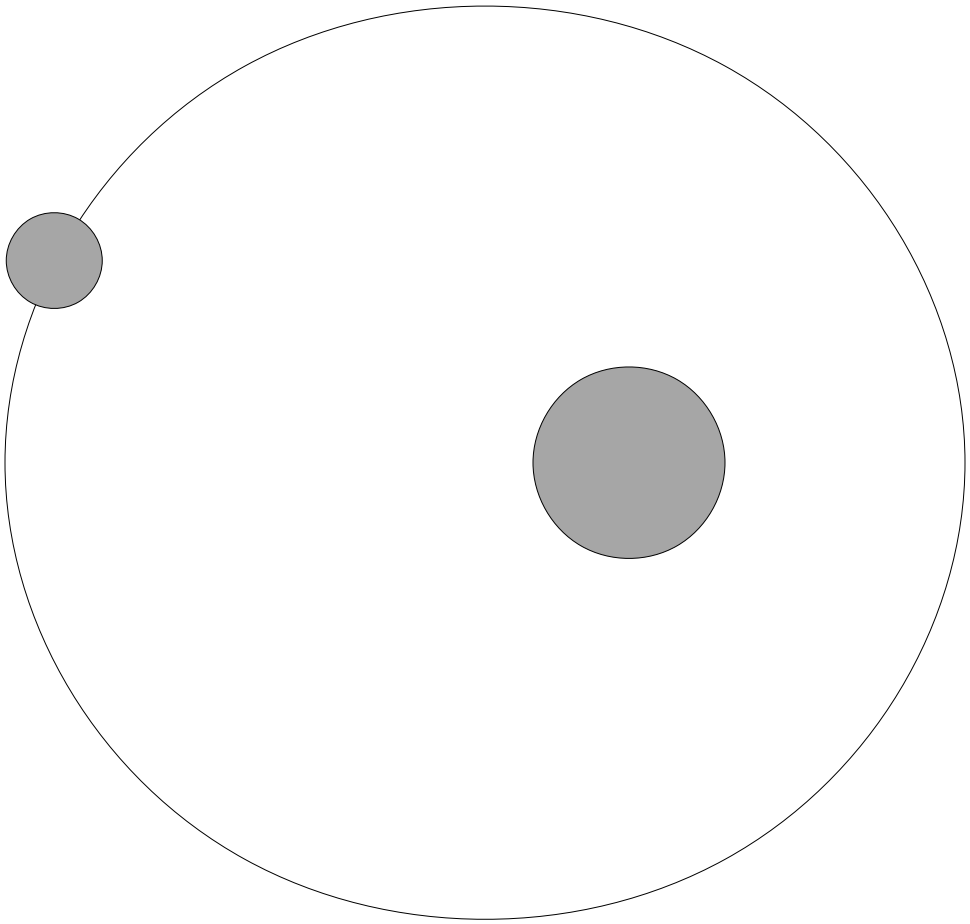
CURRENT PARAMETERS
a = 1.0
e = 0.3
day = 91.31
theta = 0



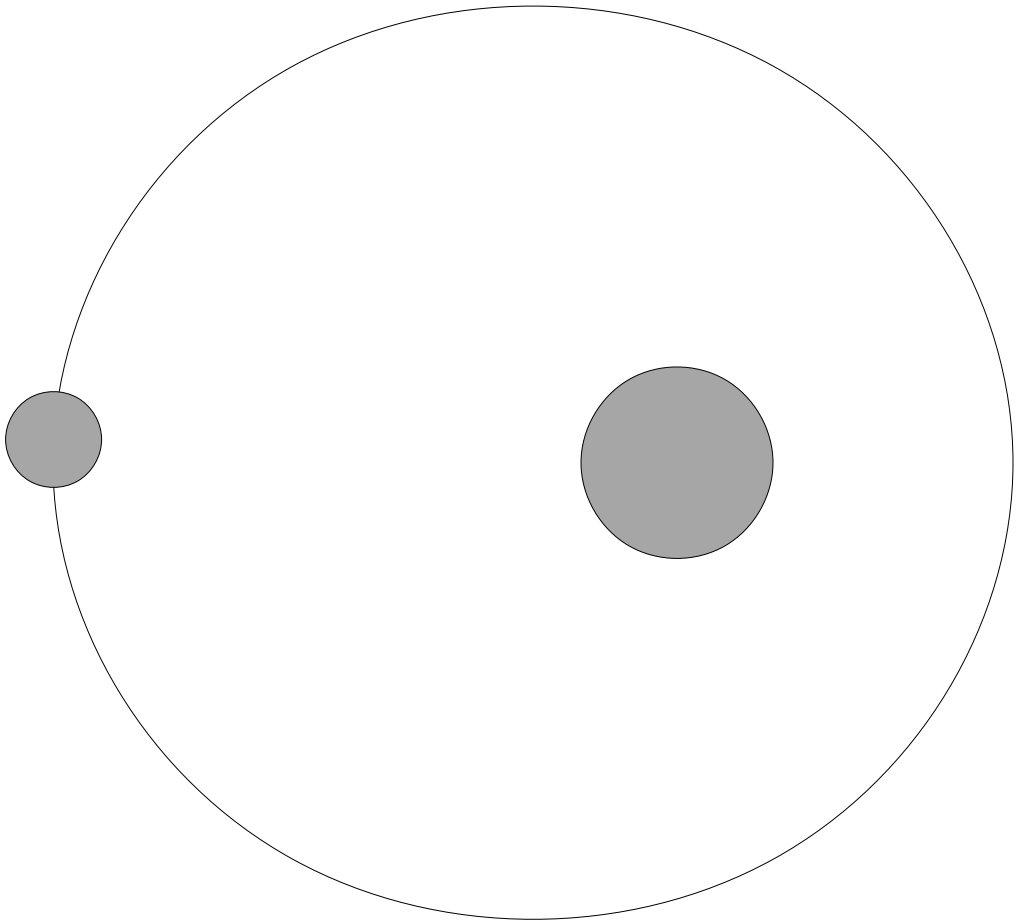
CURRENT PARAMETERS
a = 1.0
e = 0.3
day = 121.74
theta = 0



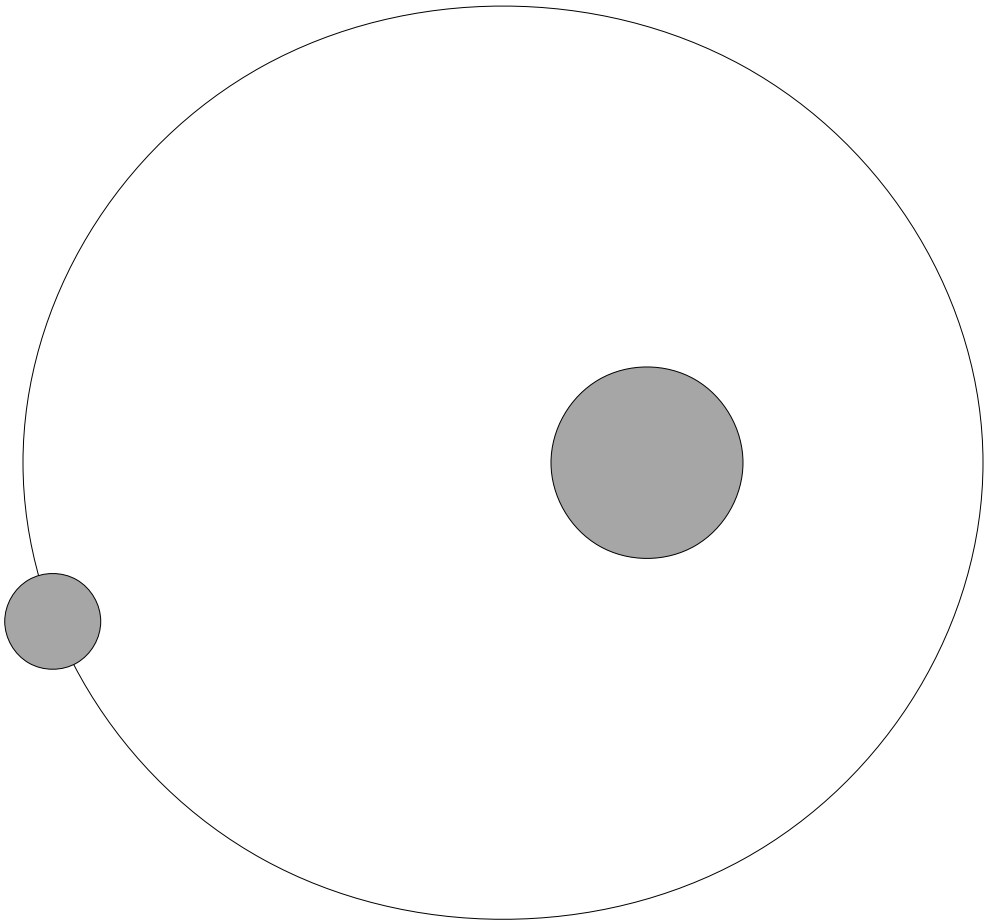
CURRENT PARAMETERS
a = 1.0
e = 0.3
day = 152.18
theta = 0



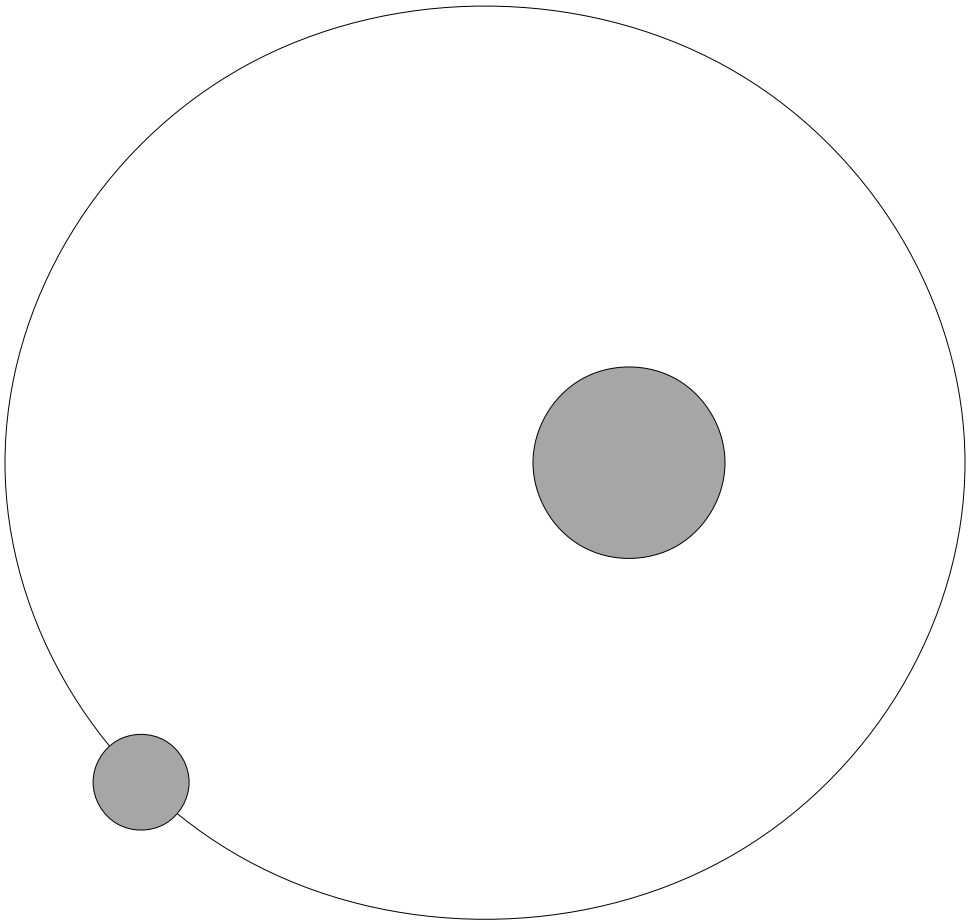
CURRENT PARAMETERS
a = 1.0
e = 0.3
day = 182.62
theta = 0



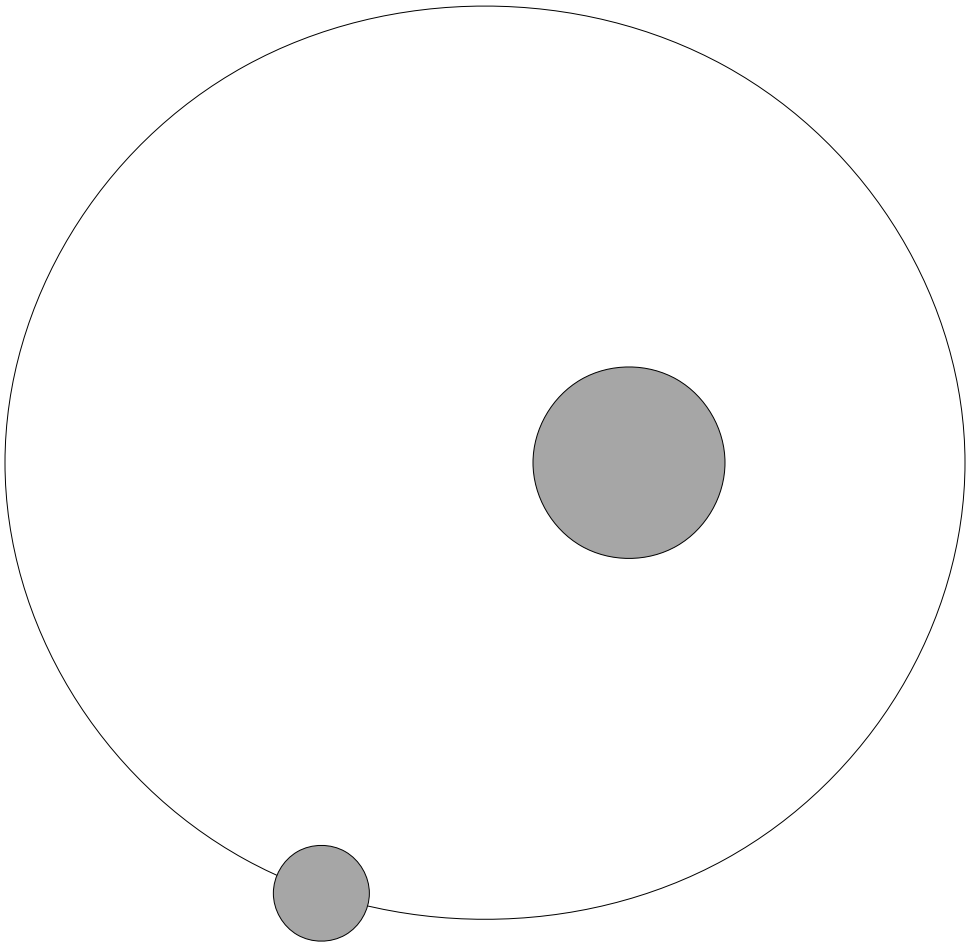
CURRENT PARAMETERS
a = 1.0
e = 0.3
day = 213.05
theta = 0



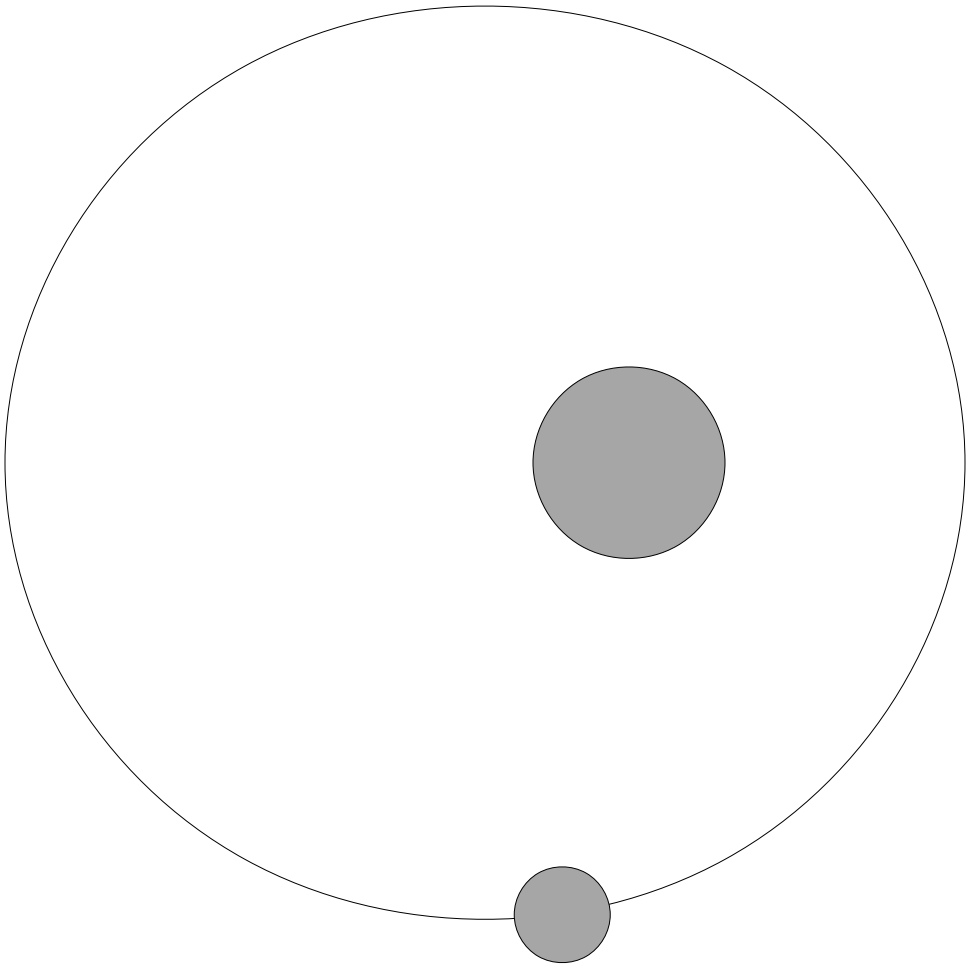
CURRENT PARAMETERS
a = 1.0
e = 0.3
day = 243.49
theta = 0



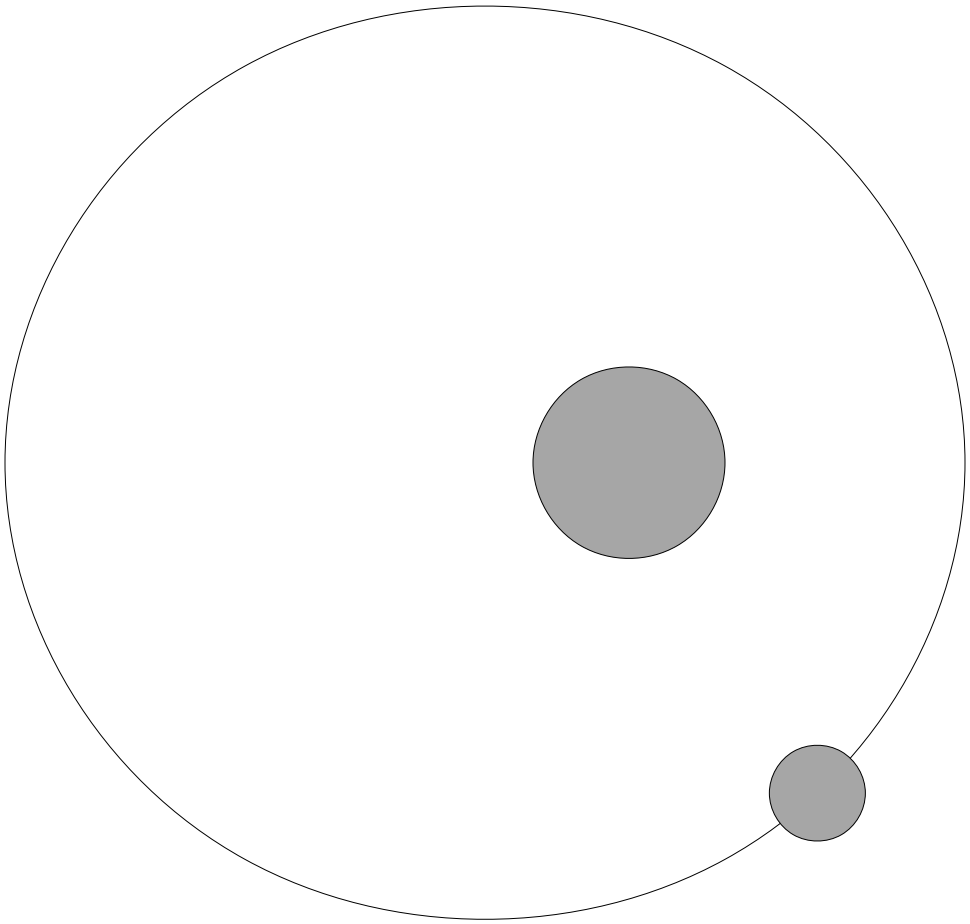
CURRENT PARAMETERS
a = 1.0
e = 0.3
day = 273.93
theta = 0



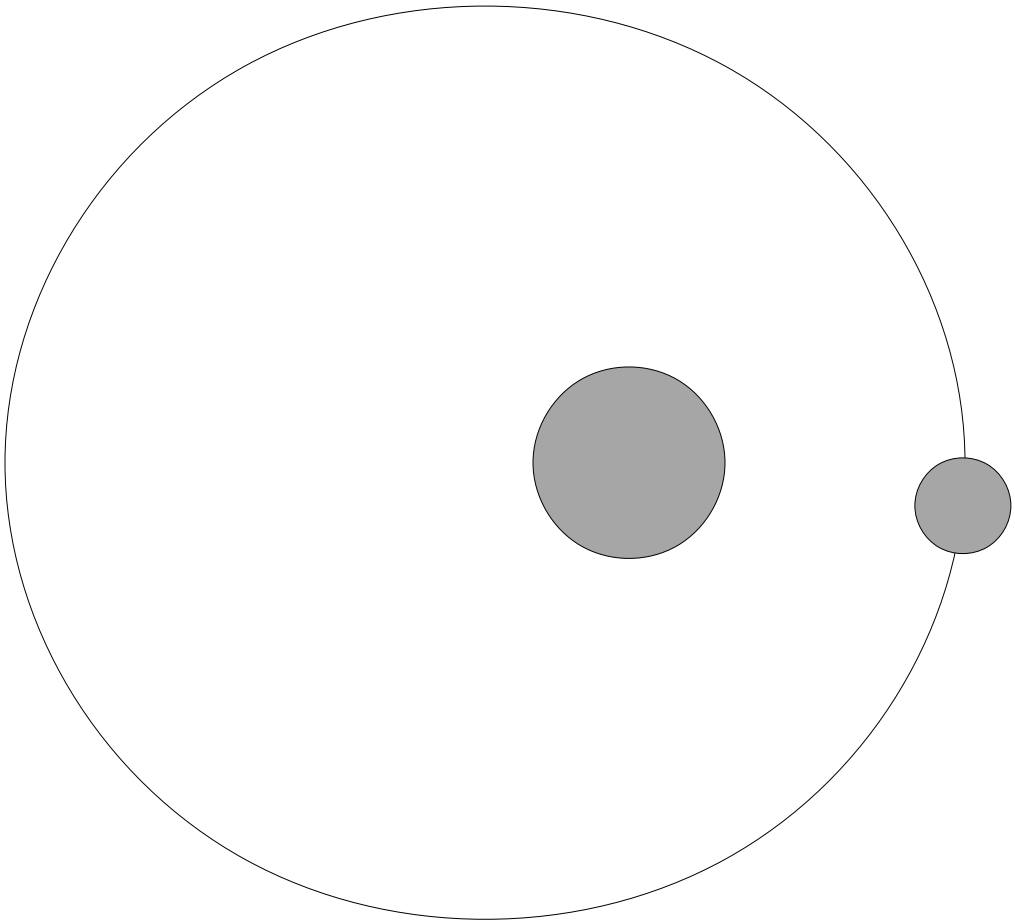
CURRENT PARAMETERS
a = 1.0
e = 0.3
day = 304.36
theta = 0



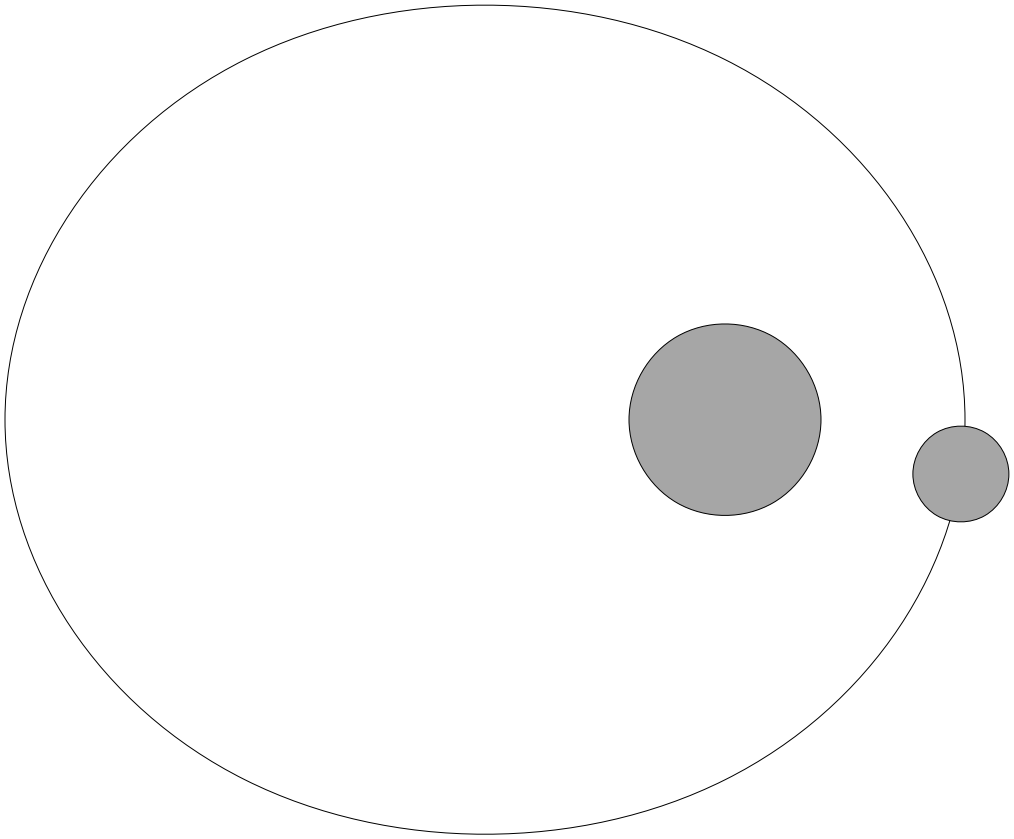
CURRENT PARAMETERS
a = 1.0
e = 0.3
day = 334.8
theta = 0



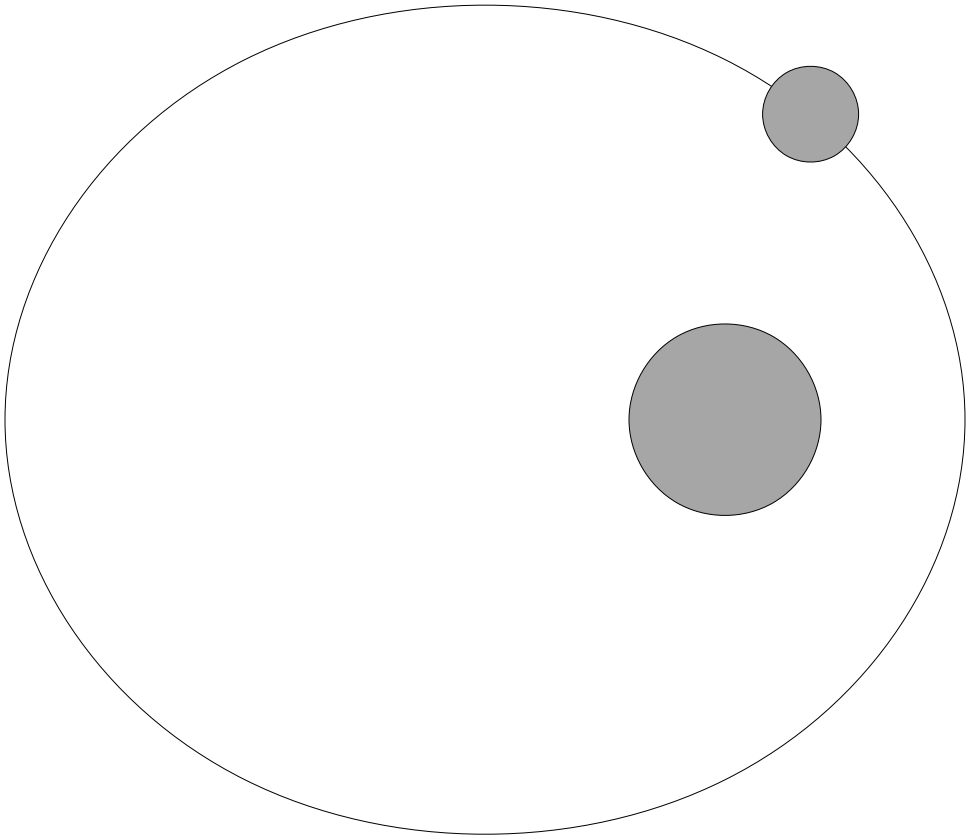
CURRENT PARAMETERS
a = 1.0
e = 0.3
day = 365.24
theta = 0



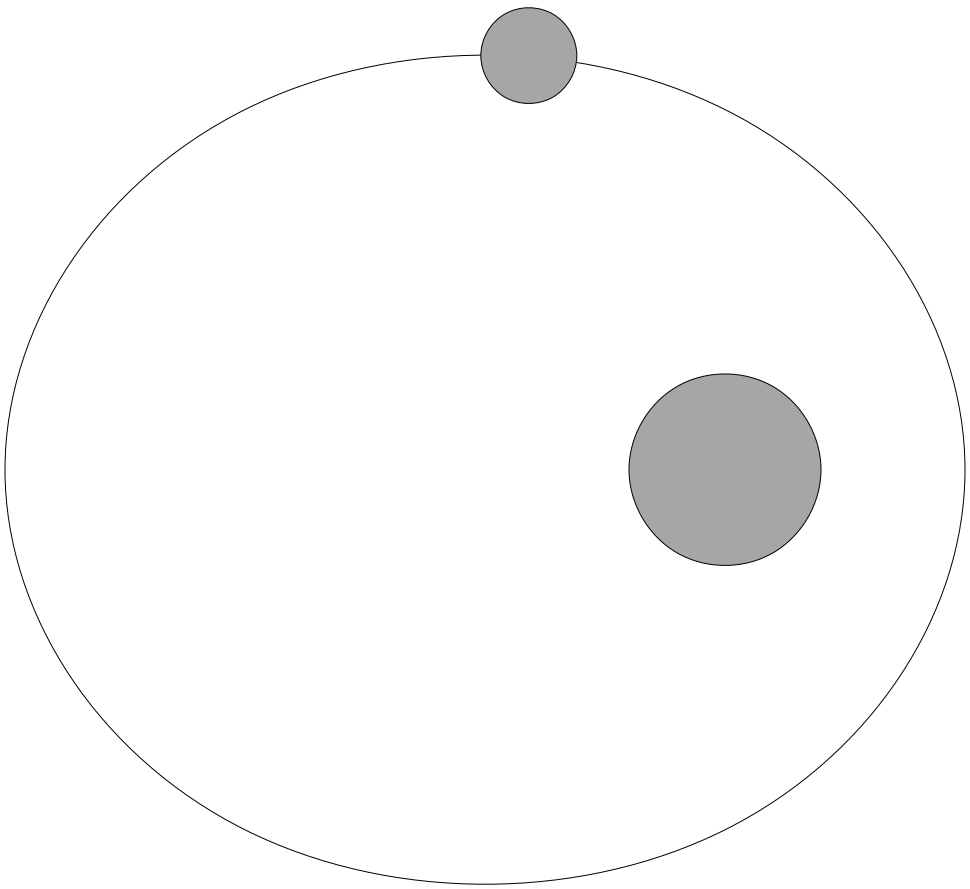
CURRENT PARAMETERS
a = 1.0
e = 0.5
day = 0.0
theta = 0



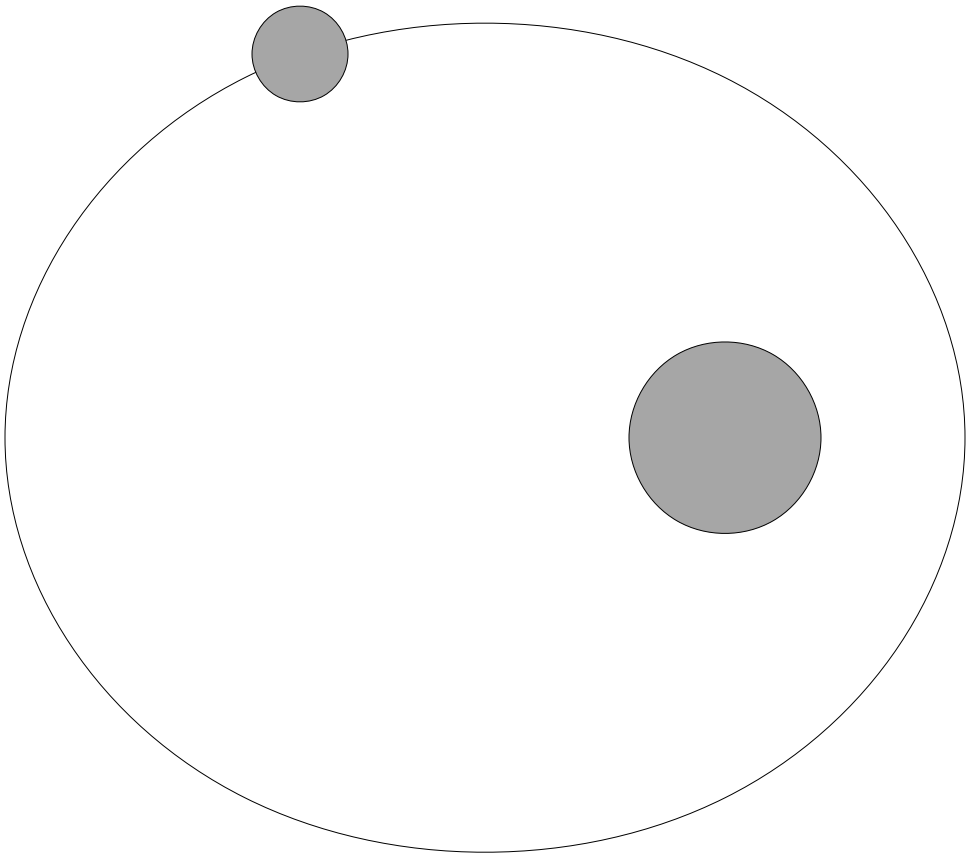
CURRENT PARAMETERS
a = 1.0
e = 0.5
day = 30.43
theta = 0



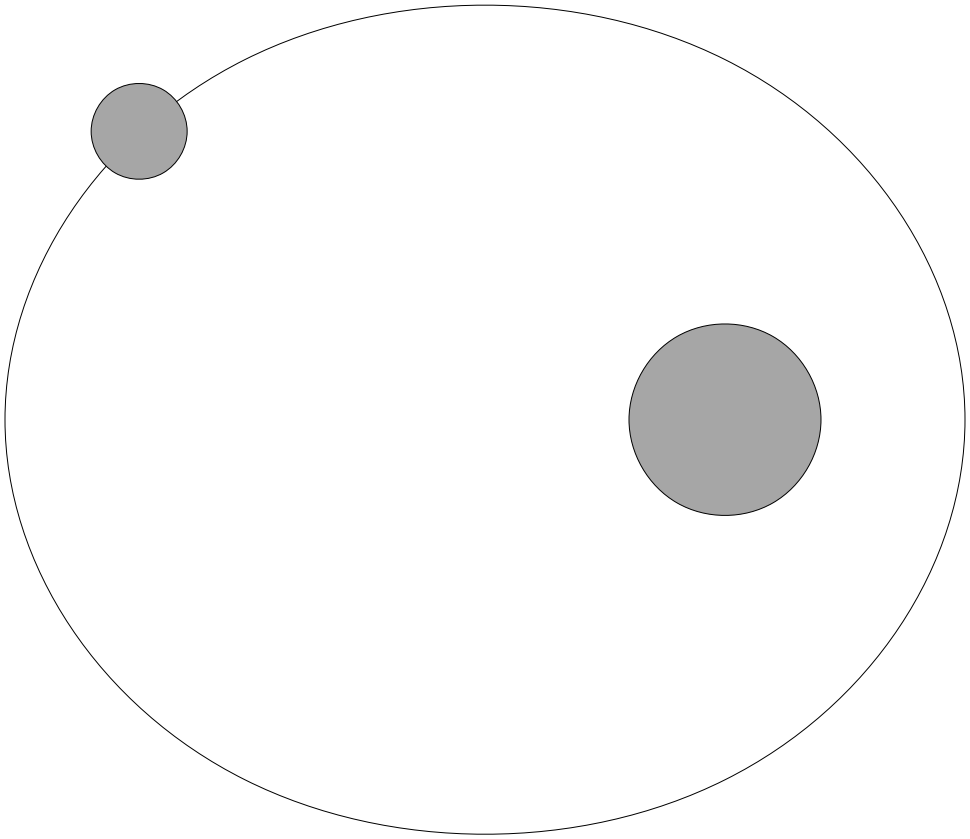
CURRENT PARAMETERS
a = 1.0
e = 0.5
day = 60.87
theta = 0



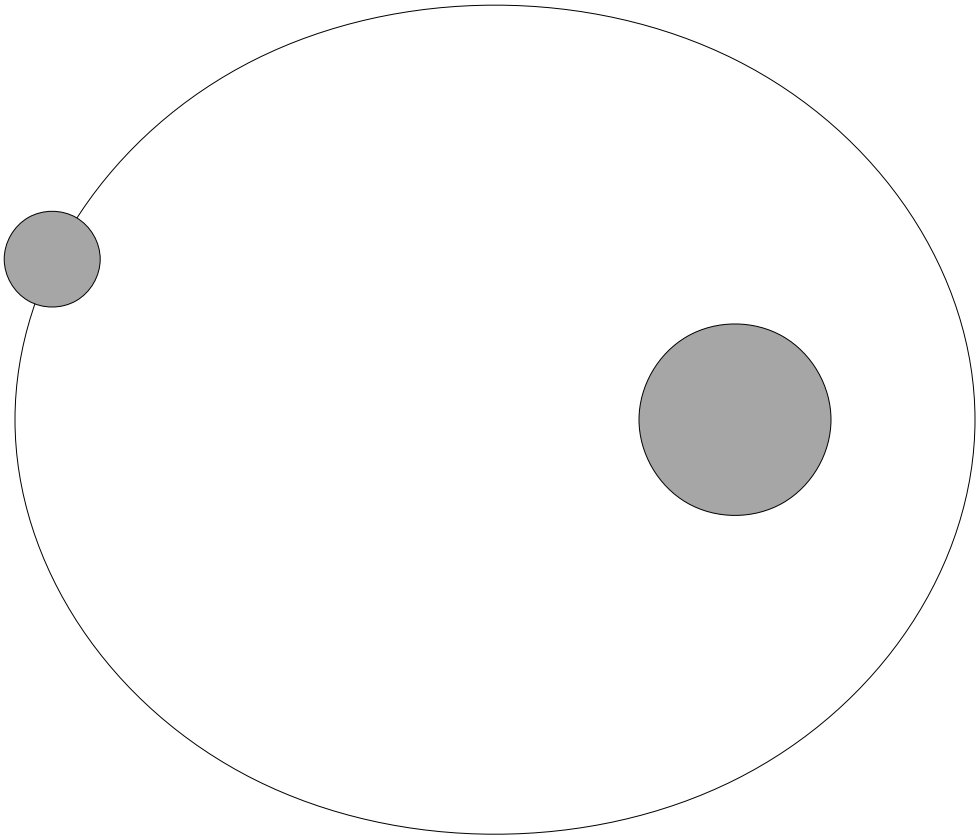
CURRENT PARAMETERS
a = 1.0
e = 0.5
day = 91.31
theta = 0



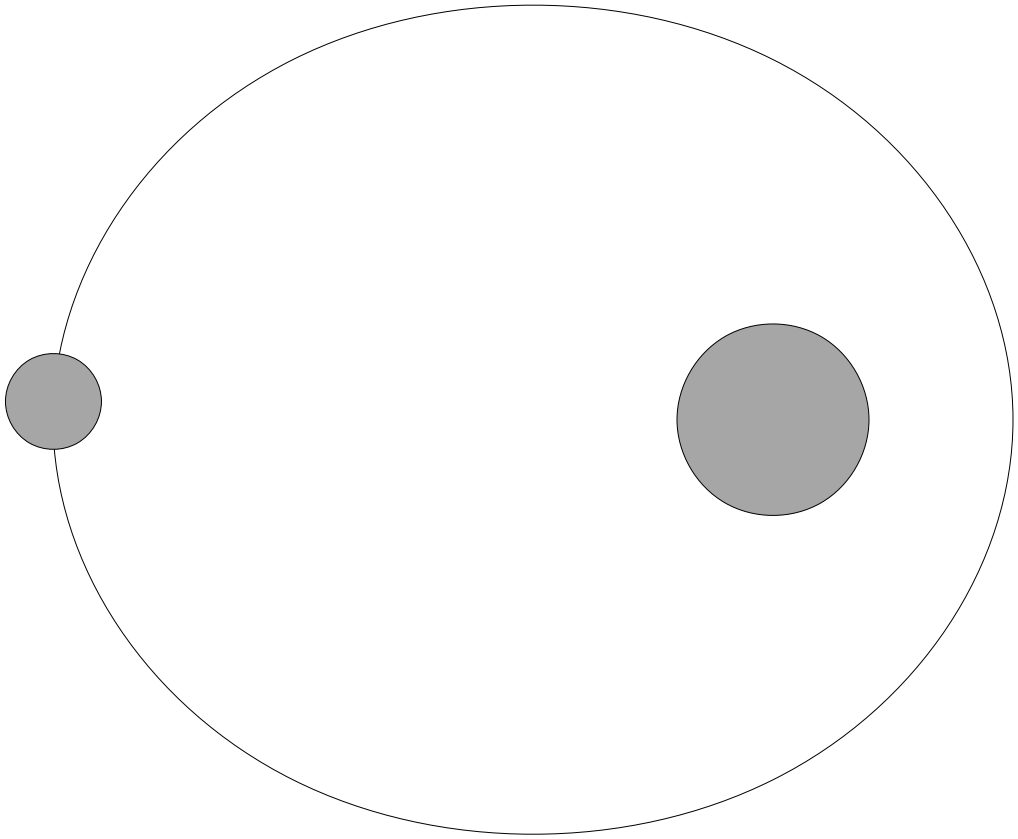
CURRENT PARAMETERS
a = 1.0
e = 0.5
day = 121.74
theta = 0



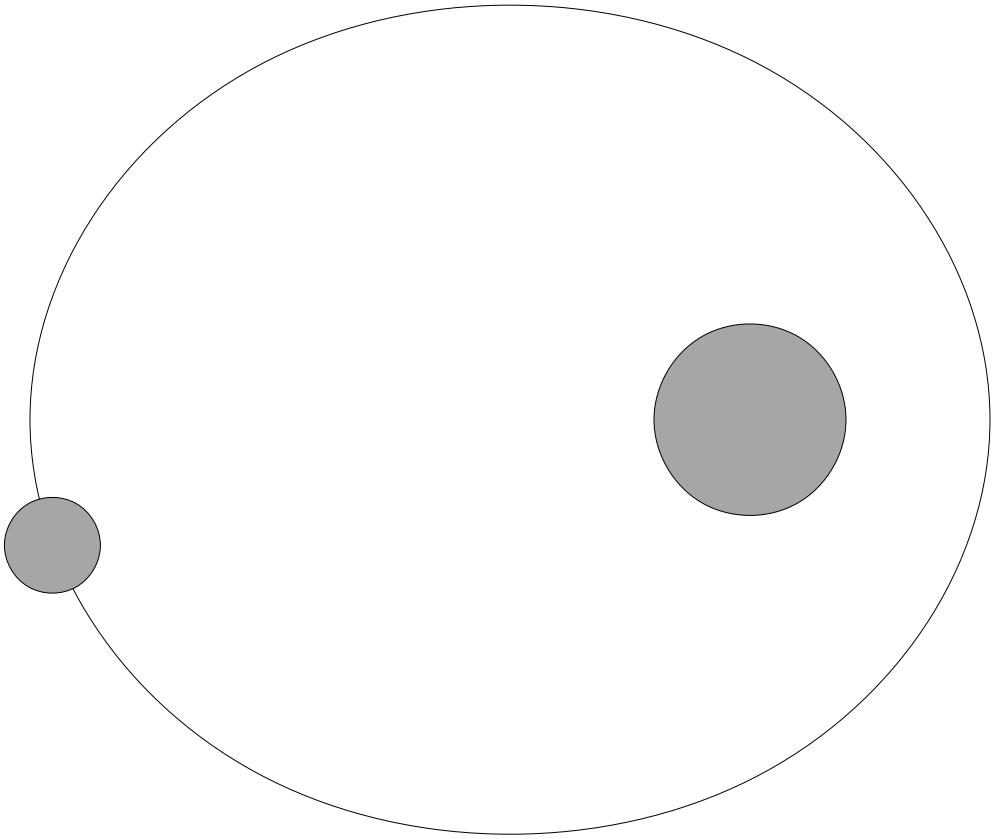
CURRENT PARAMETERS
a = 1.0
e = 0.5
day = 152.18
theta = 0



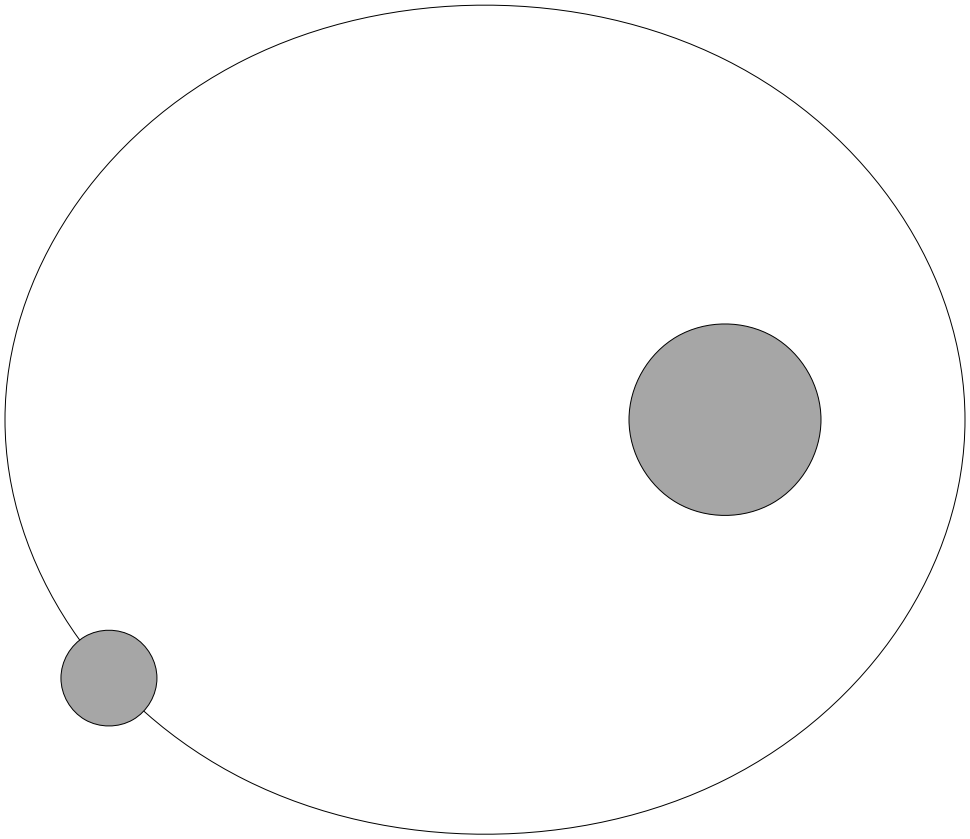
CURRENT PARAMETERS
a = 1.0
e = 0.5
day = 182.62
theta = 0



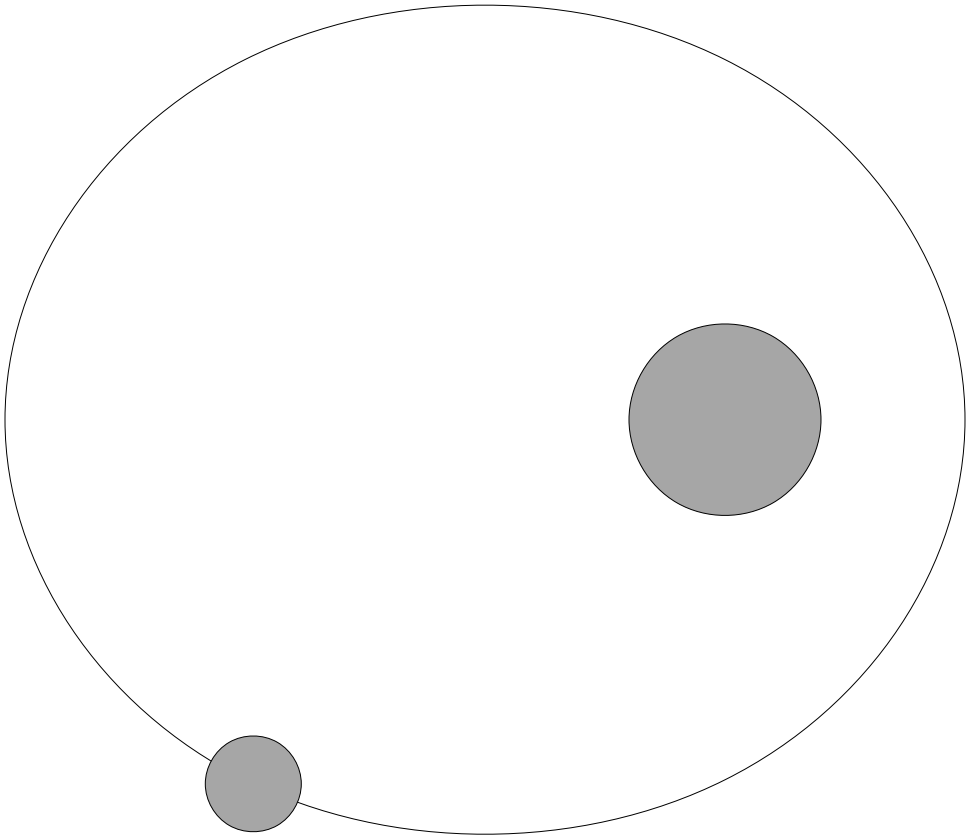
CURRENT PARAMETERS
a = 1.0
e = 0.5
day = 213.05
theta = 0



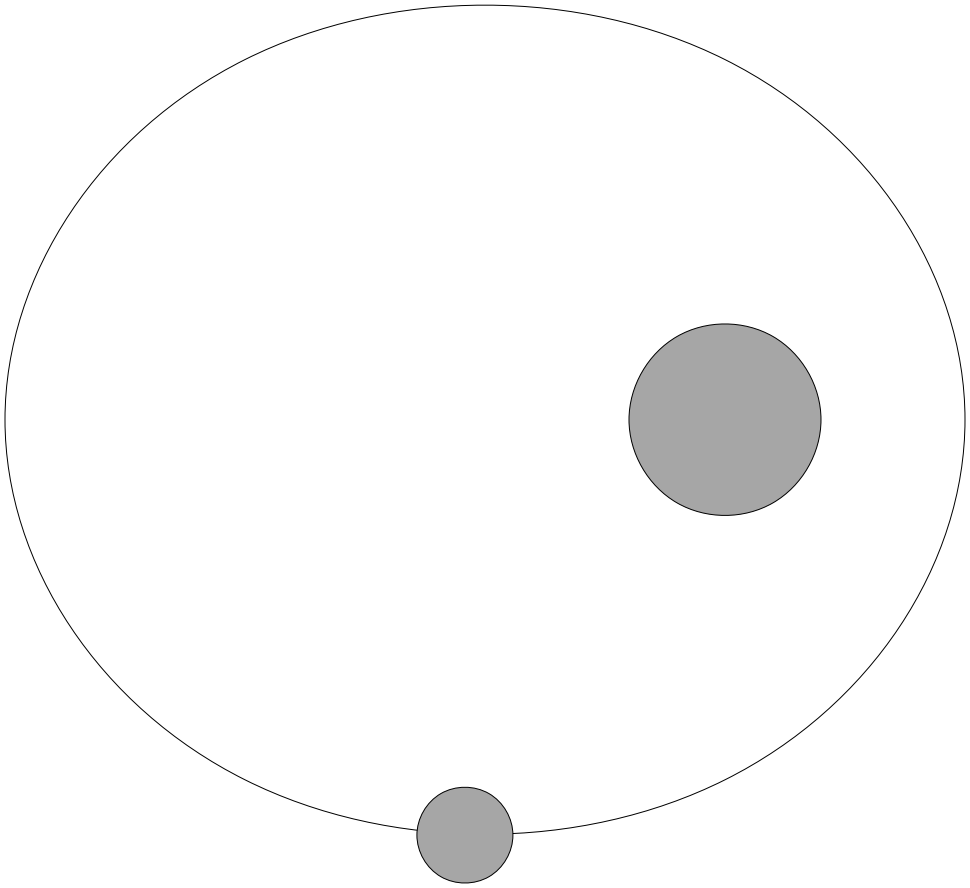
CURRENT PARAMETERS
a = 1.0
e = 0.5
day = 243.49
theta = 0



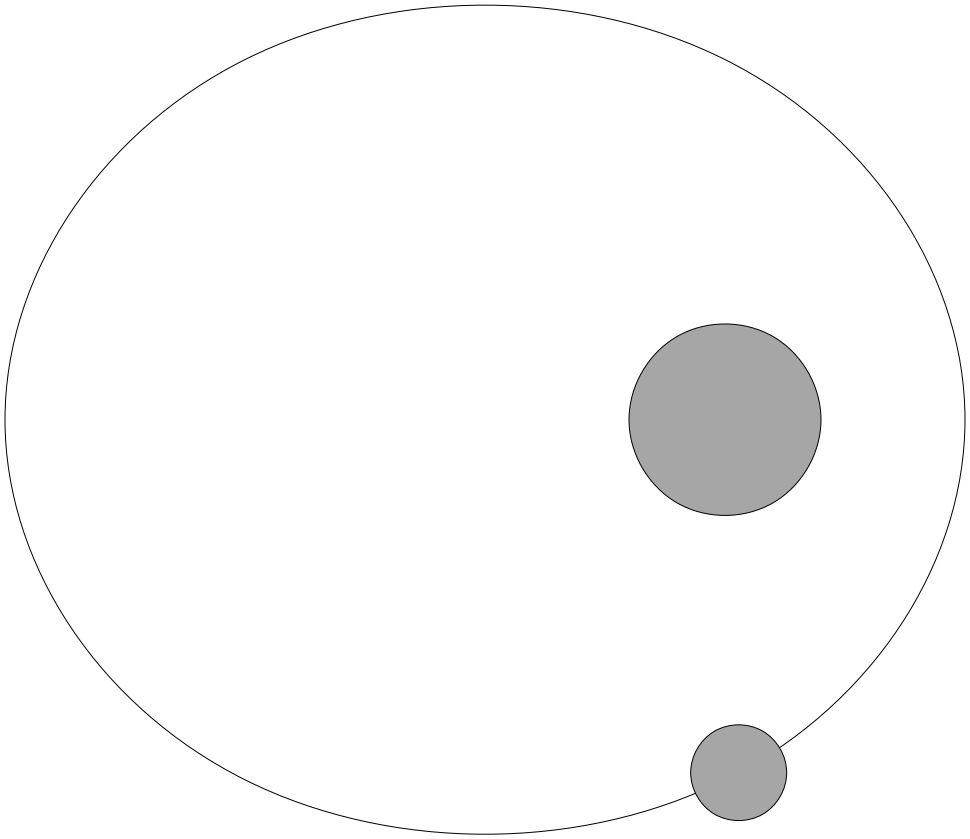
CURRENT PARAMETERS
a = 1.0
e = 0.5
day = 273.93
theta = 0



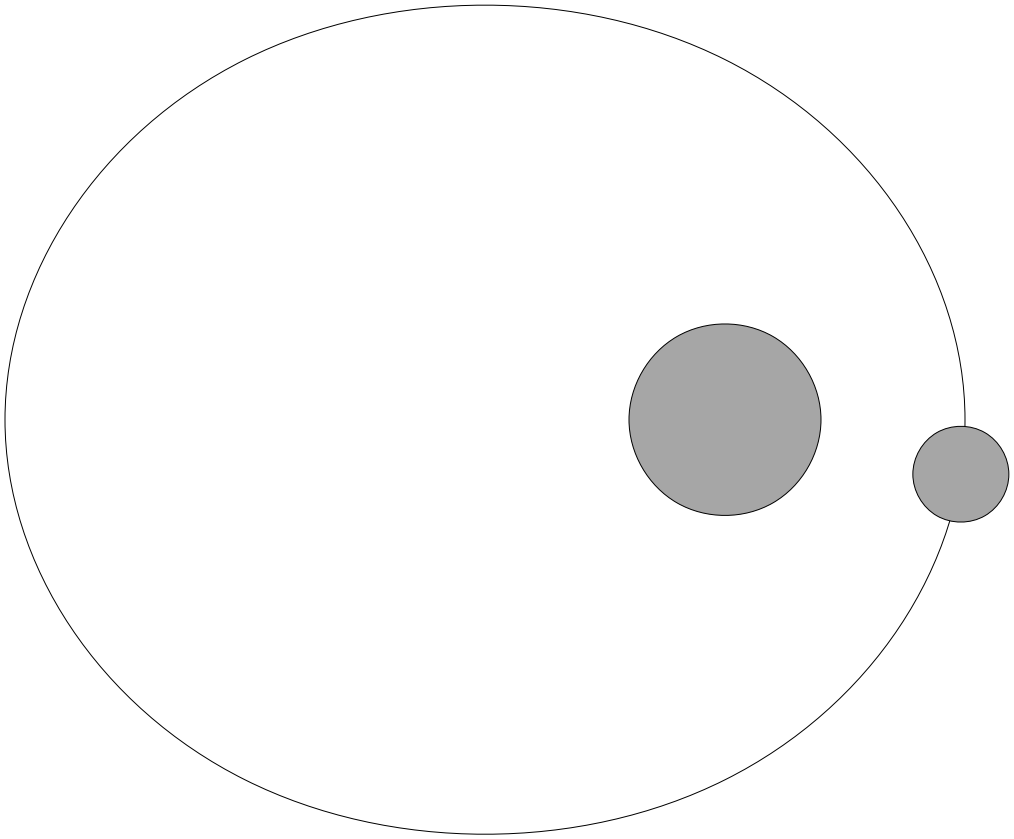
CURRENT PARAMETERS
a = 1.0
e = 0.5
day = 304.36
theta = 0



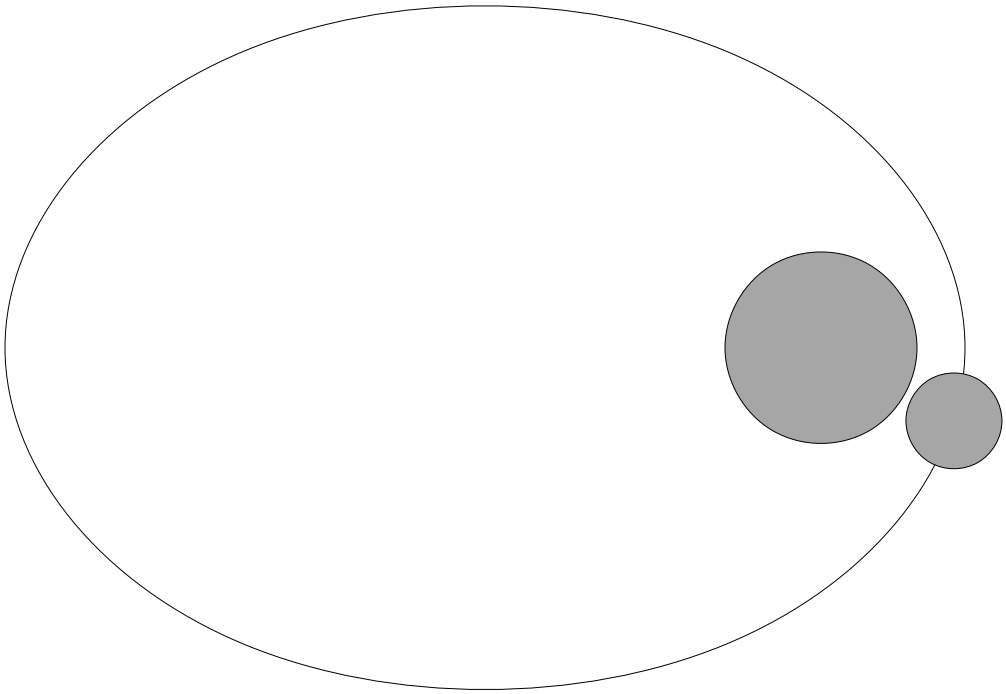
CURRENT PARAMETERS
a = 1.0
e = 0.5
day = 334.8
theta = 0



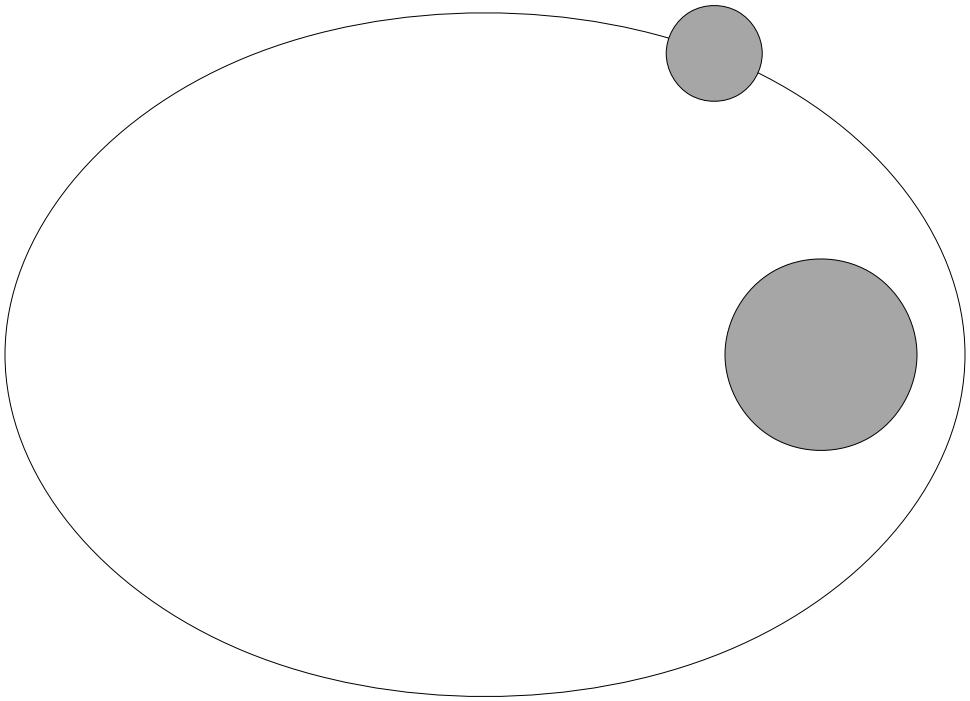
CURRENT PARAMETERS
a = 1.0
e = 0.5
day = 365.24
theta = 0



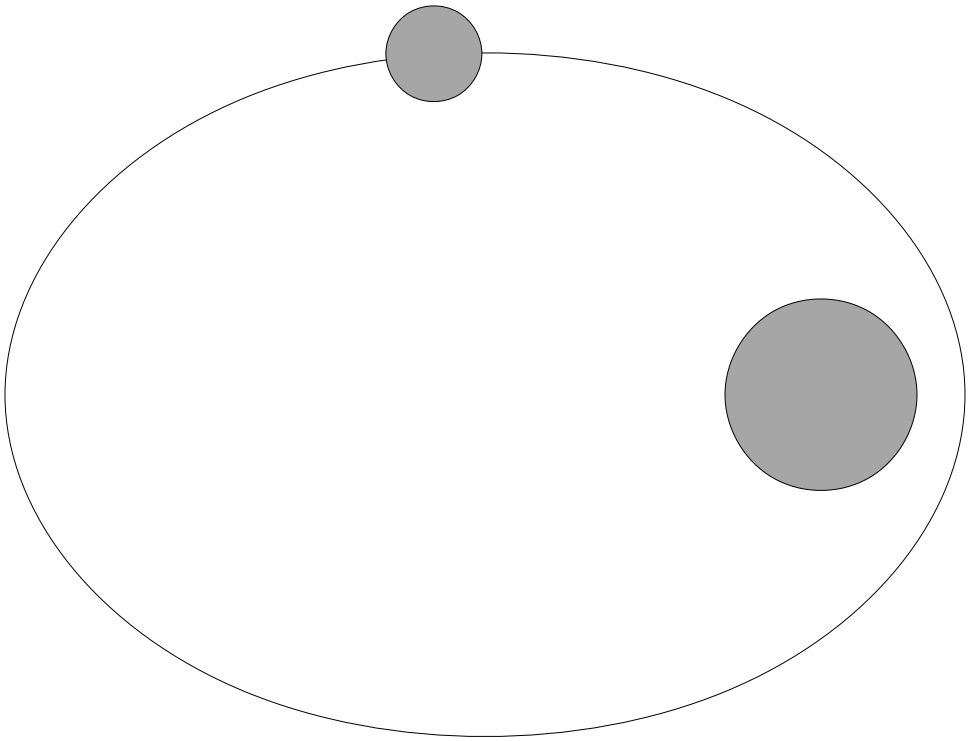
CURRENT PARAMETERS
a = 1.0
e = 0.7
day = 0.0
theta = 0



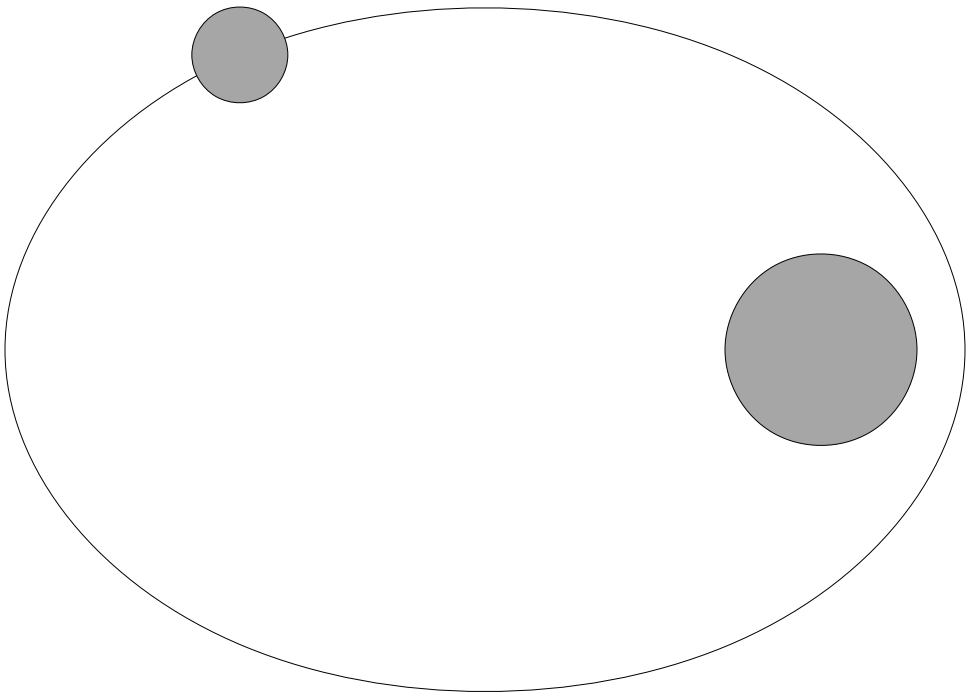
CURRENT PARAMETERS
a = 1.0
e = 0.7
day = 30.43
theta = 0



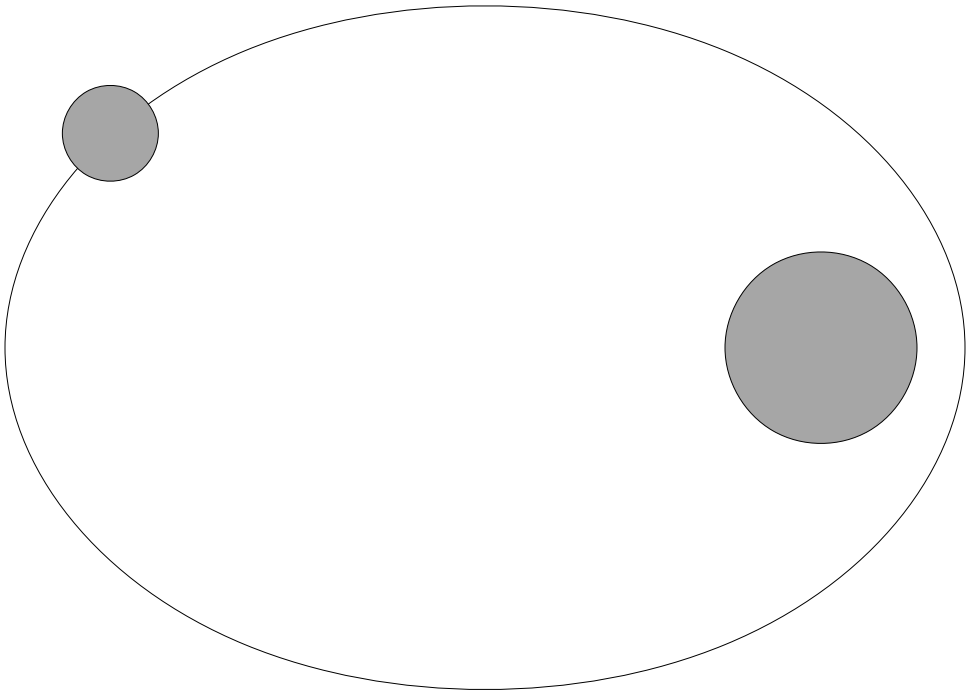
CURRENT PARAMETERS
a = 1.0
e = 0.7
day = 60.87
theta = 0



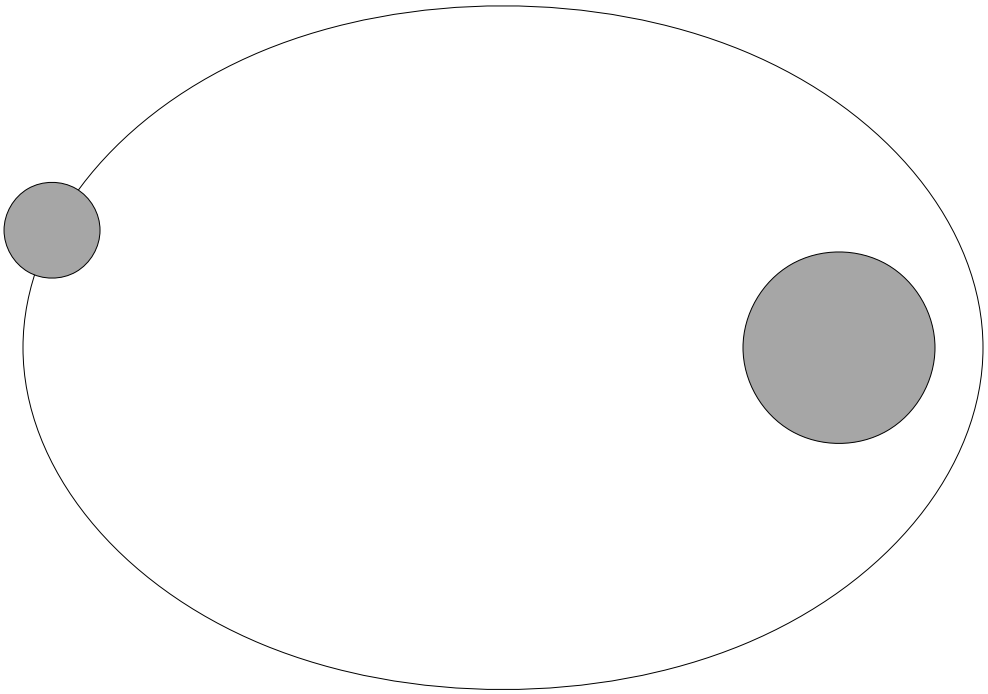
CURRENT PARAMETERS
a = 1.0
e = 0.7
day = 91.31
theta = 0



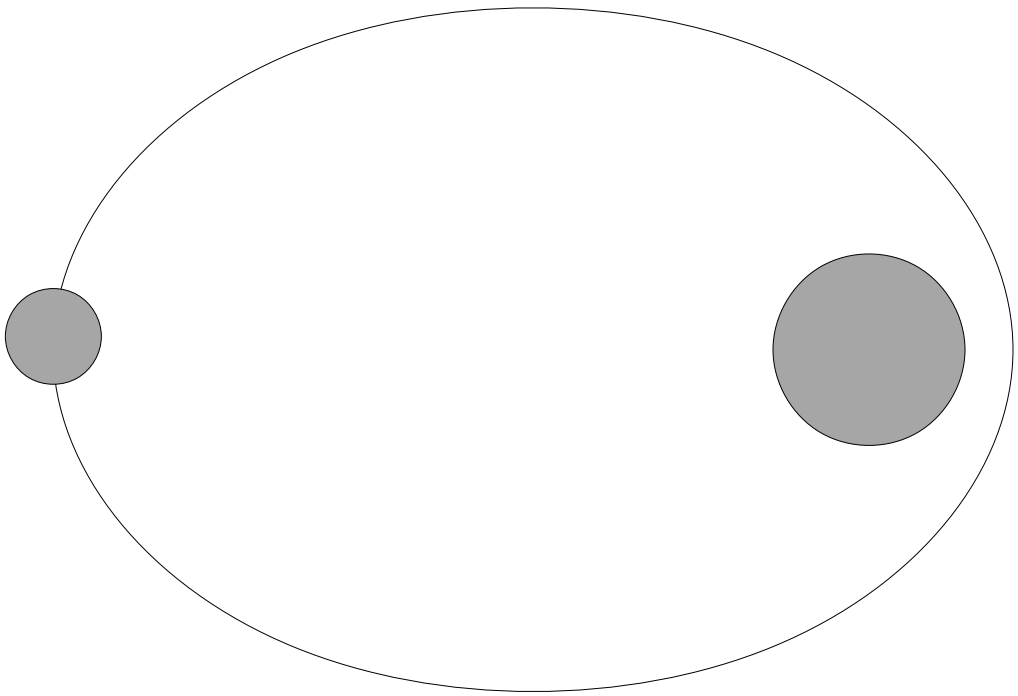
CURRENT PARAMETERS
a = 1.0
e = 0.7
day = 121.74
theta = 0



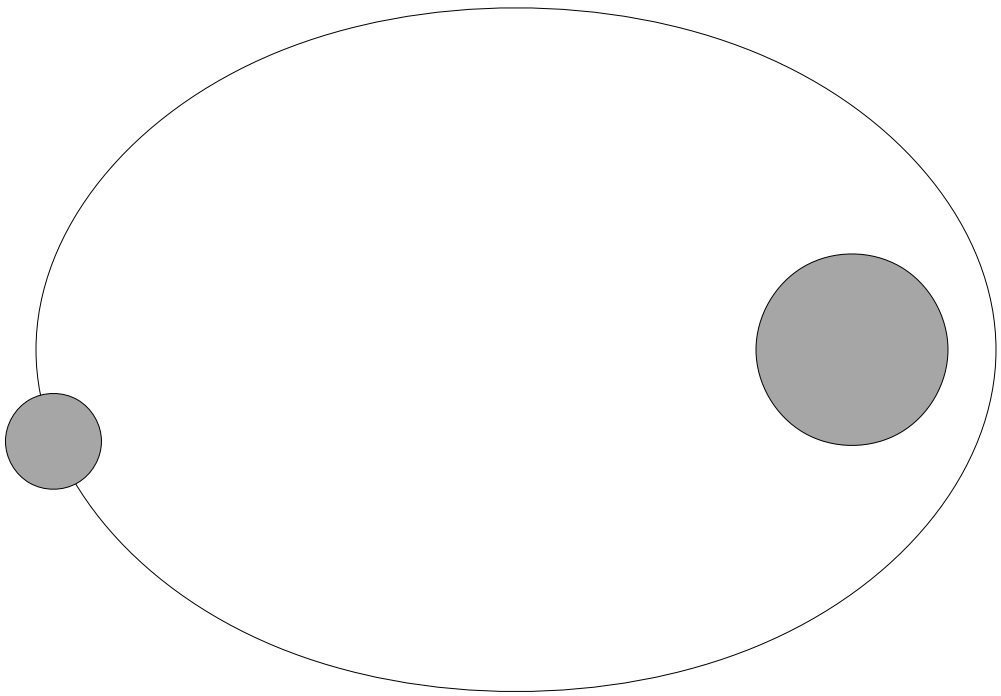
CURRENT PARAMETERS
a = 1.0
e = 0.7
day = 152.18
theta = 0



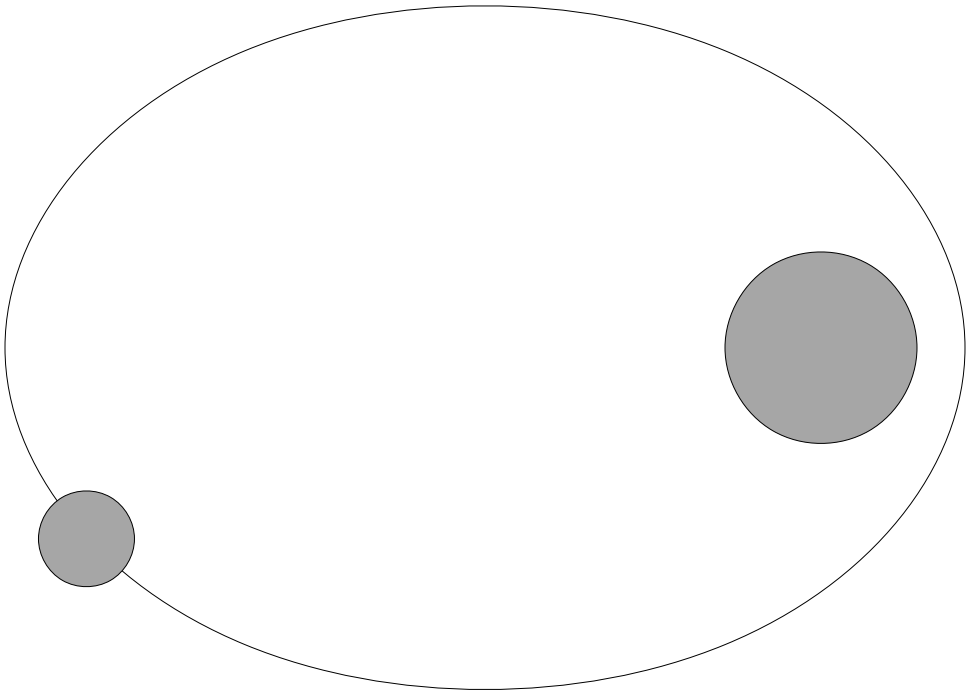
CURRENT PARAMETERS
a = 1.0
e = 0.7
day = 182.62
theta = 0



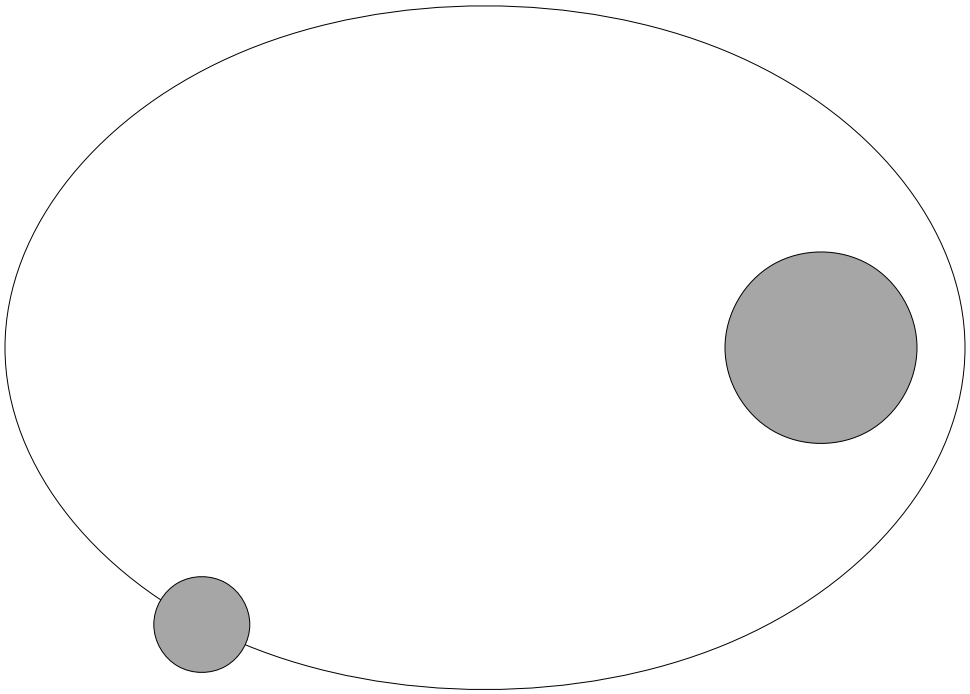
CURRENT PARAMETERS
a = 1.0
e = 0.7
day = 213.05
theta = 0



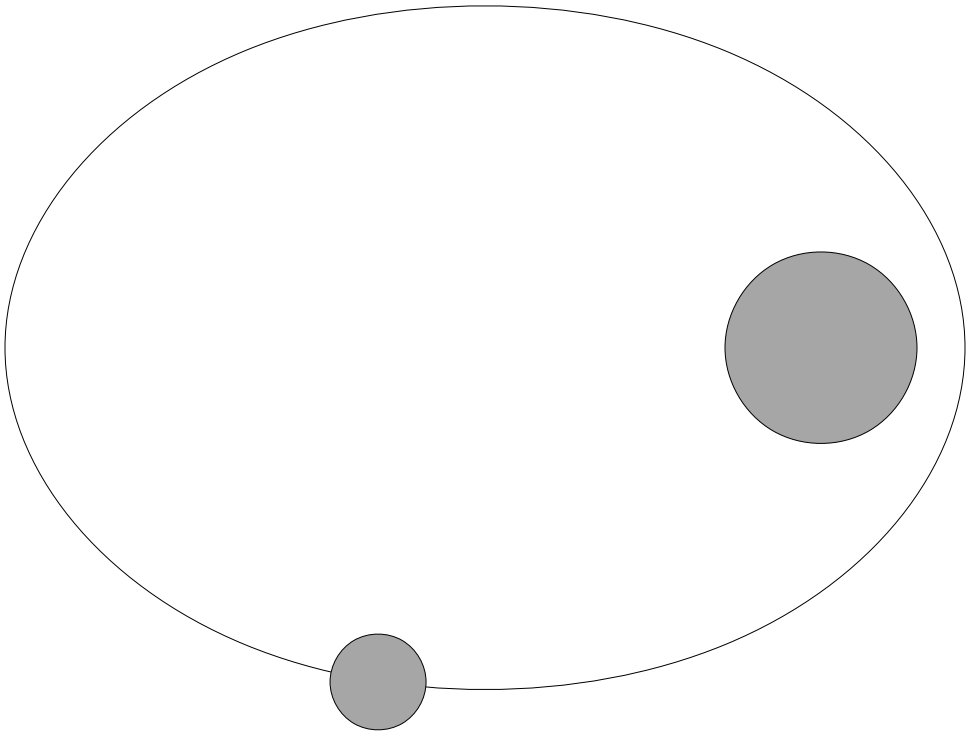
CURRENT PARAMETERS
a = 1.0
e = 0.7
day = 243.49
theta = 0



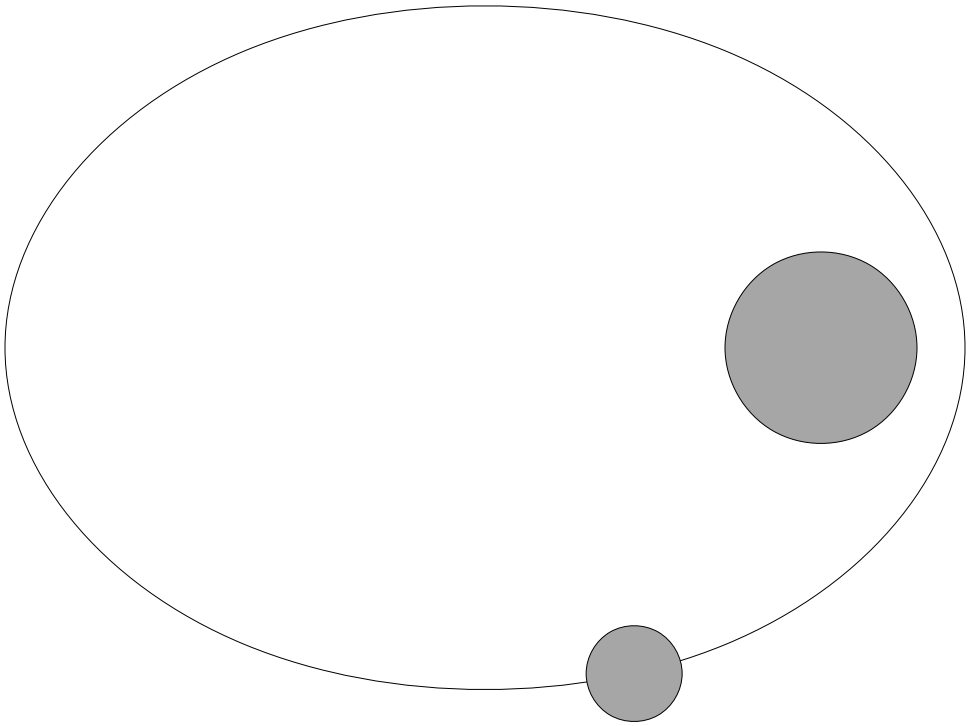
CURRENT PARAMETERS
a = 1.0
e = 0.7
day = 273.93
theta = 0



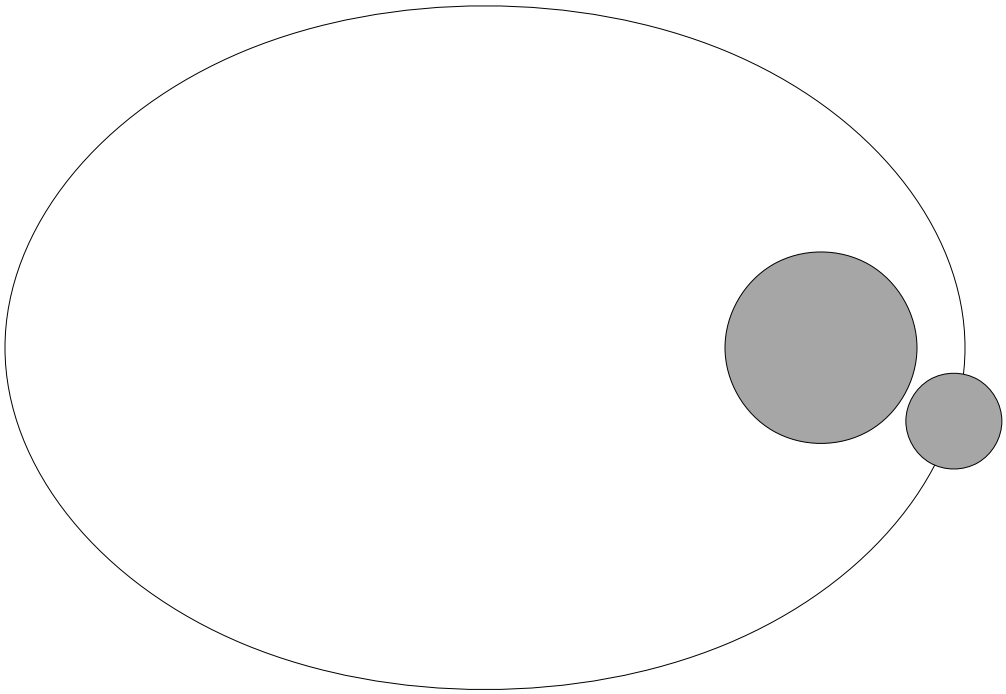
CURRENT PARAMETERS
a = 1.0
e = 0.7
day = 304.36
theta = 0



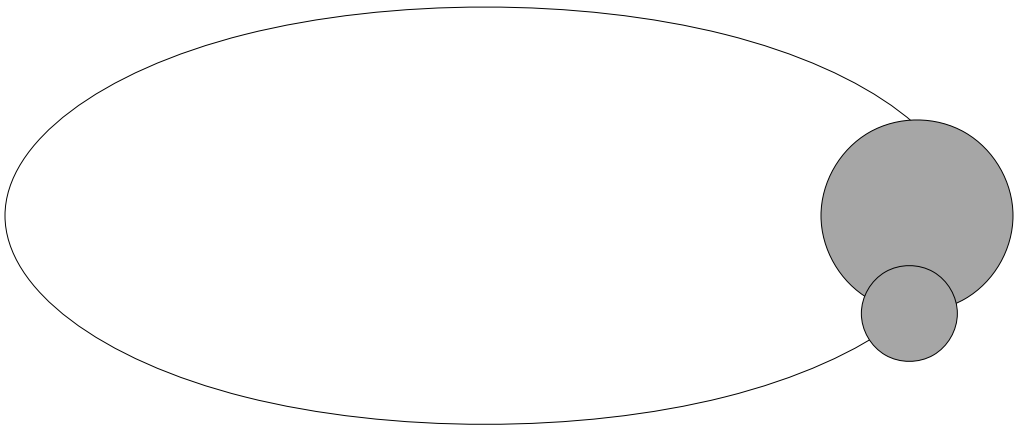
CURRENT PARAMETERS
a = 1.0
e = 0.7
day = 334.8
theta = 0



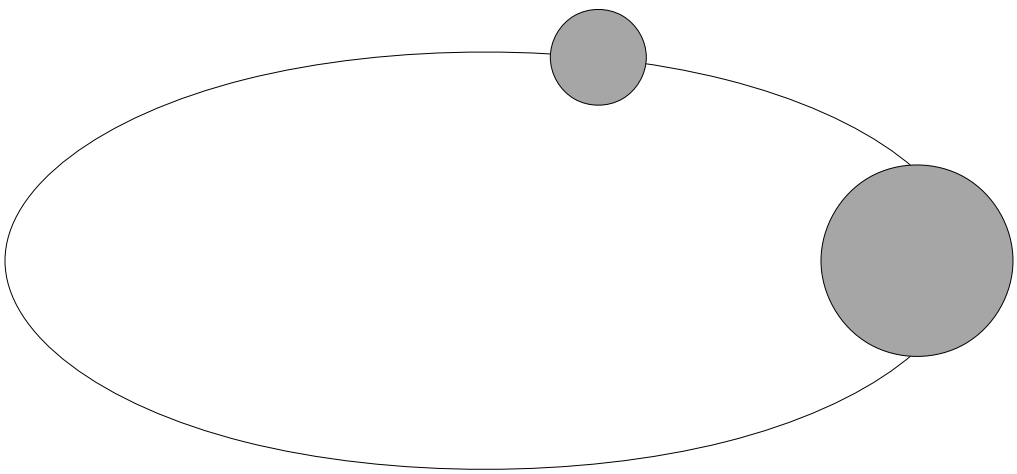
CURRENT PARAMETERS
a = 1.0
e = 0.7
day = 365.24
theta = 0



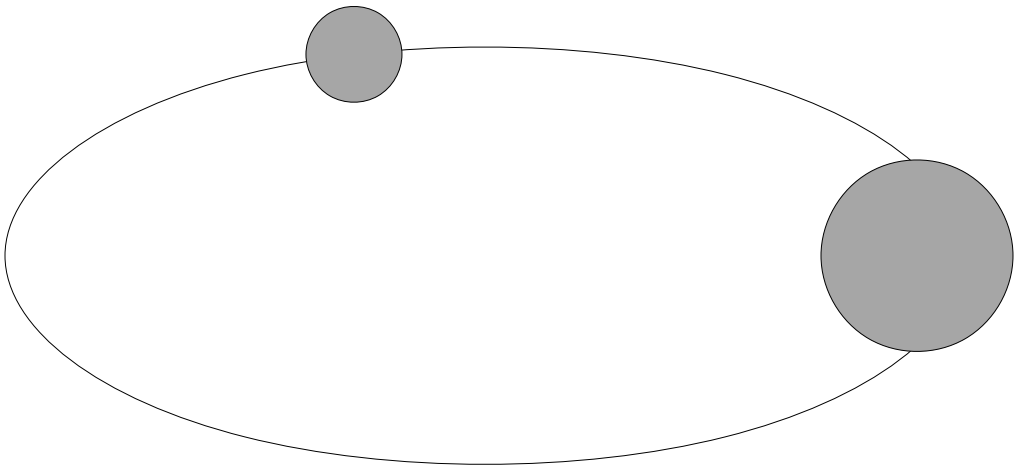
CURRENT PARAMETERS
a = 1.0
e = 0.9
day = 0.0
theta = 0



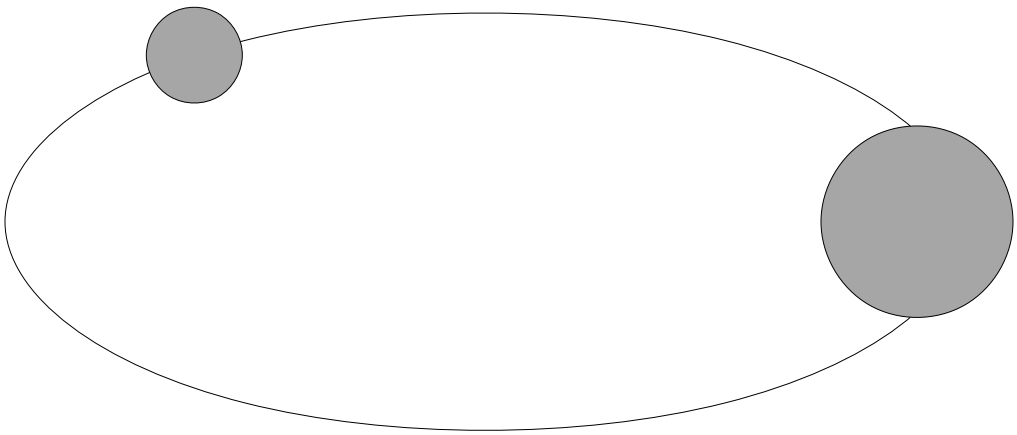
CURRENT PARAMETERS
a = 1.0
e = 0.9
day = 30.43
theta = 0



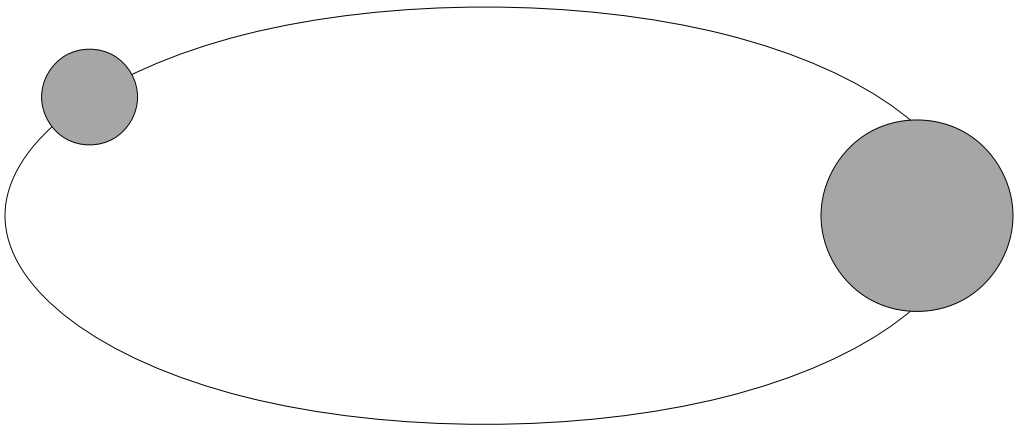
CURRENT PARAMETERS
a = 1.0
e = 0.9
day = 60.87
theta = 0



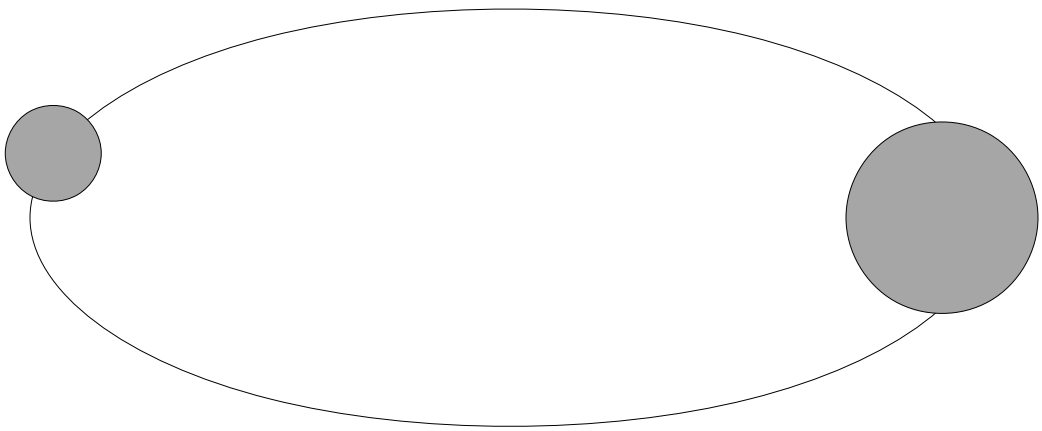
CURRENT PARAMETERS
a = 1.0
e = 0.9
day = 91.31
theta = 0



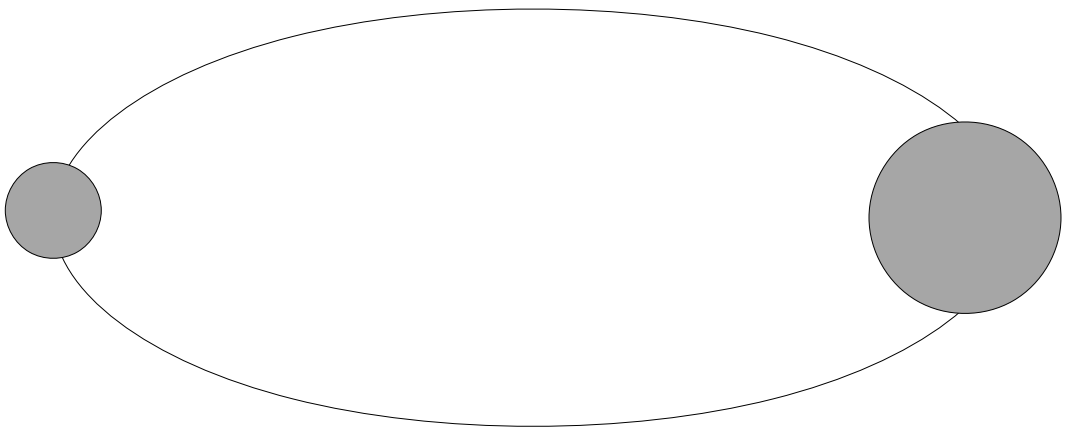
CURRENT PARAMETERS
a = 1.0
e = 0.9
day = 121.74
theta = 0



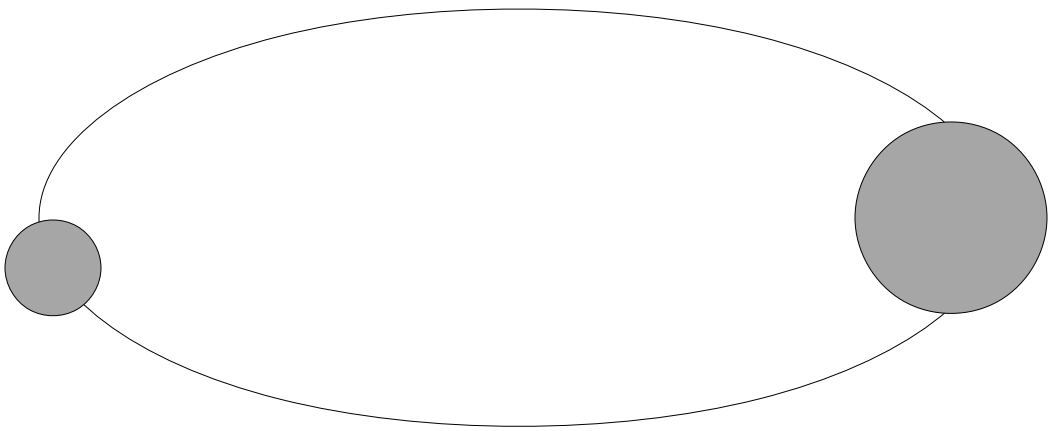
CURRENT PARAMETERS
a = 1.0
e = 0.9
day = 152.18
theta = 0



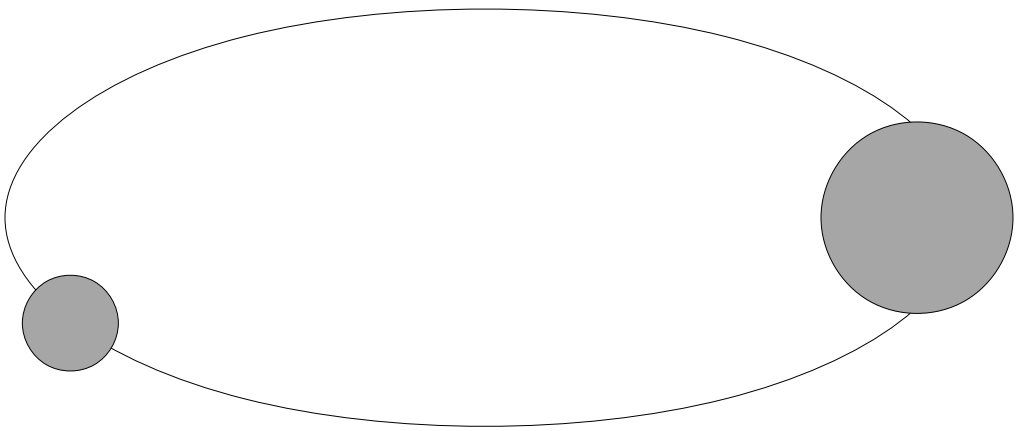
CURRENT PARAMETERS
a = 1.0
e = 0.9
day = 182.62
theta = 0



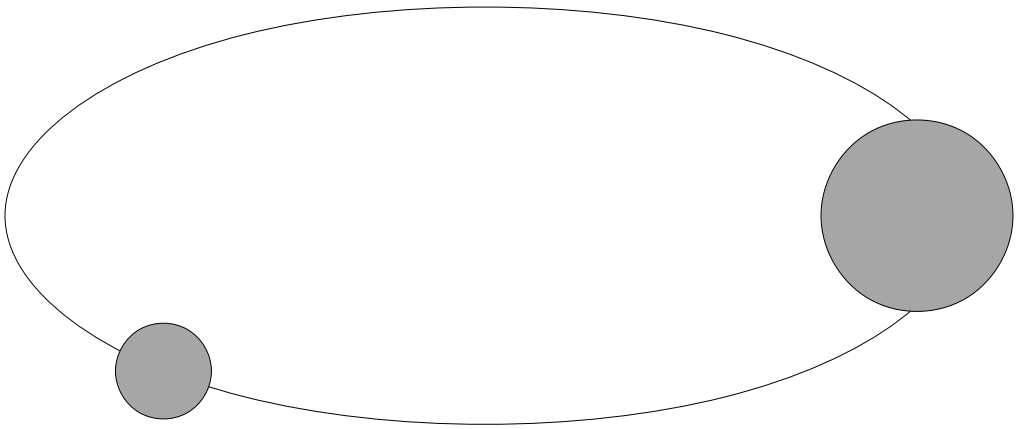
CURRENT PARAMETERS
a = 1.0
e = 0.9
day = 213.05
theta = 0



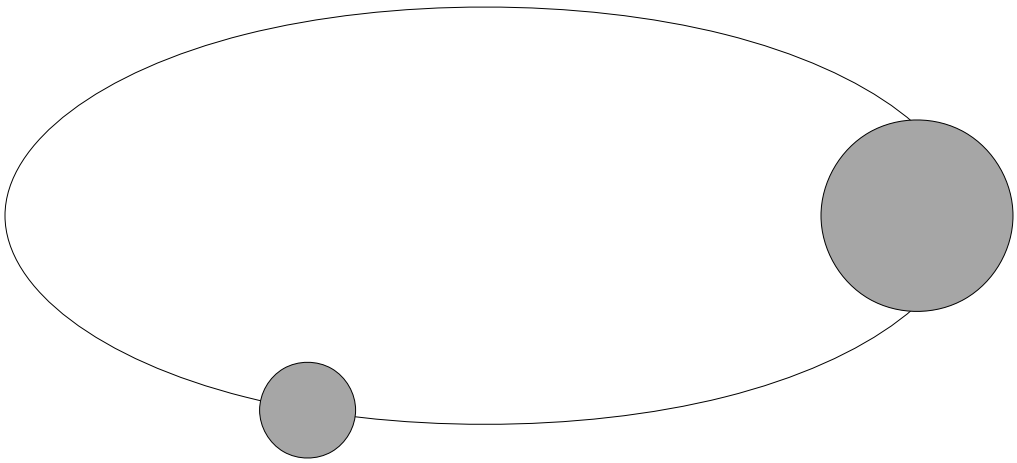
CURRENT PARAMETERS
a = 1.0
e = 0.9
day = 243.49
theta = 0



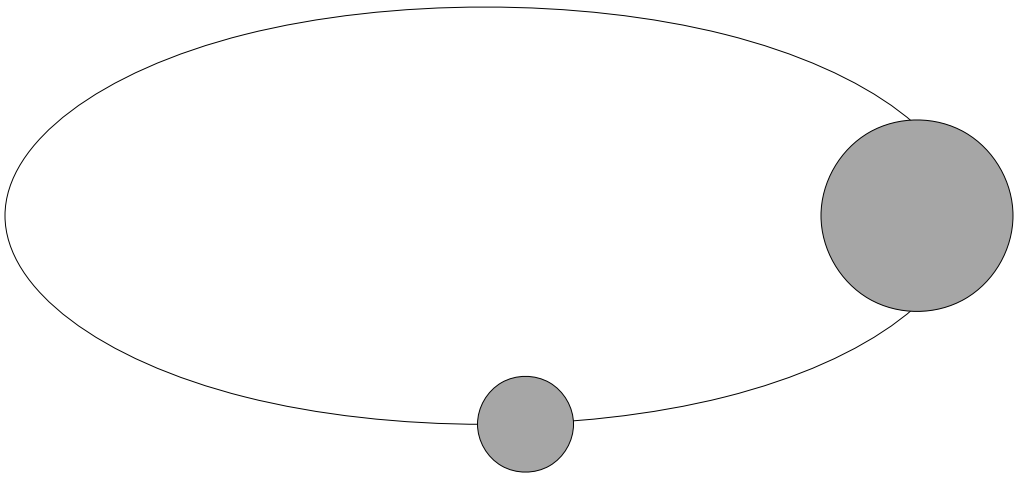
CURRENT PARAMETERS
a = 1.0
e = 0.9
day = 273.93
theta = 0



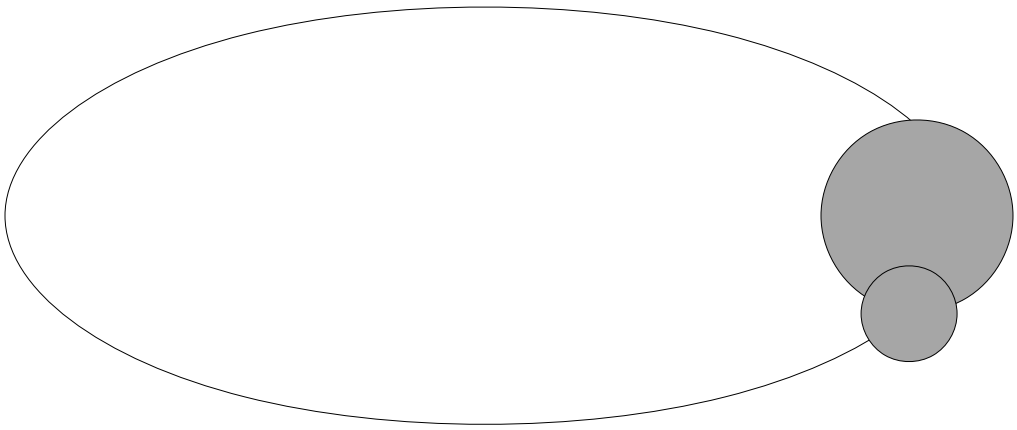
CURRENT PARAMETERS
a = 1.0
e = 0.9
day = 304.36
theta = 0



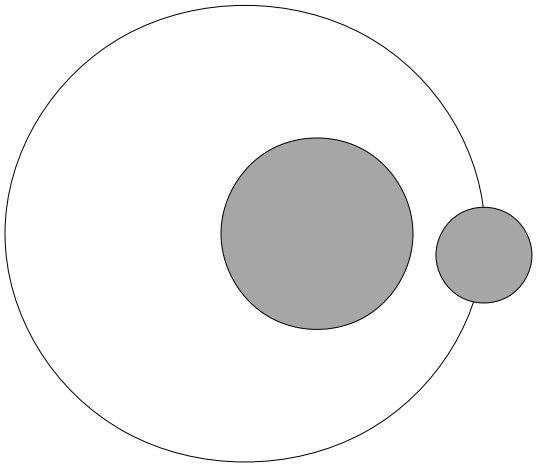
CURRENT PARAMETERS
a = 1.0
e = 0.9
day = 334.8
theta = 0



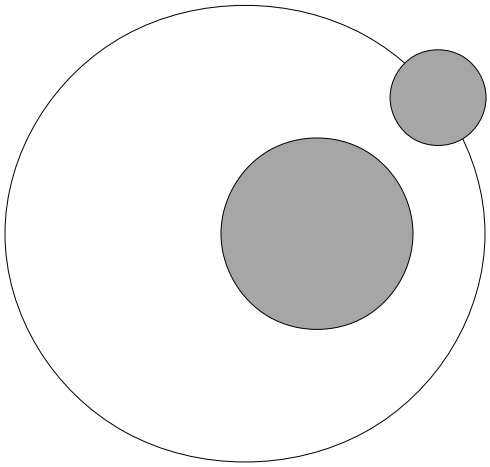
CURRENT PARAMETERS
a = 1.0
e = 0.9
day = 365.24
theta = 0



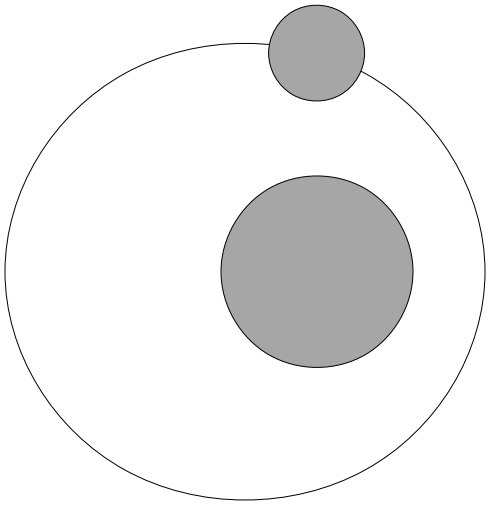
CURRENT PARAMETERS
a = 0.5
e = 0.3
day = 0.0
theta = 0



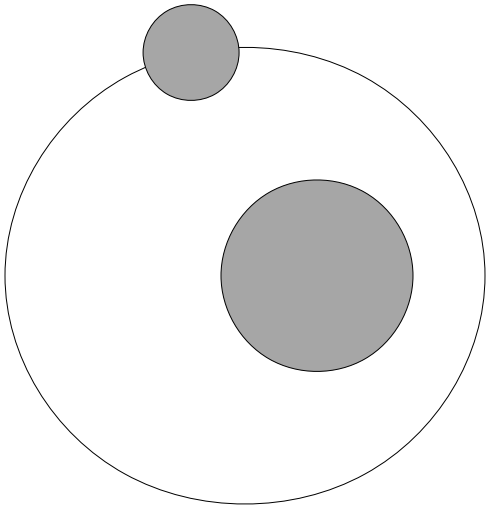
CURRENT PARAMETERS
a = 0.5
e = 0.3
day = 30.43
theta = 0



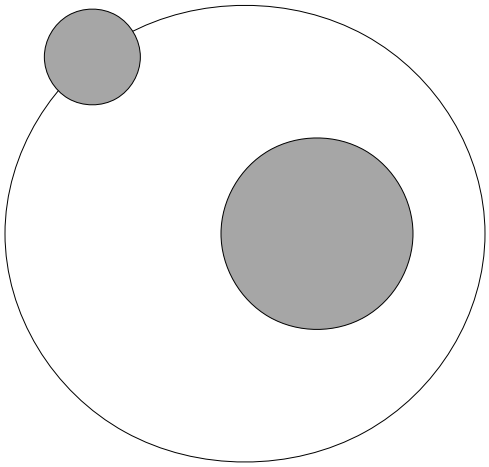
CURRENT PARAMETERS
a = 0.5
e = 0.3
day = 60.87
theta = 0



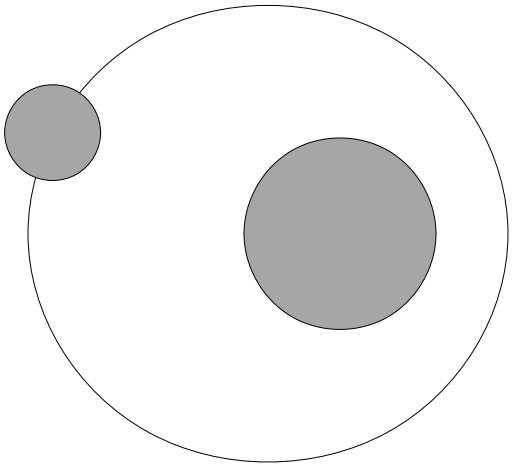
CURRENT PARAMETERS
a = 0.5
e = 0.3
day = 91.31
theta = 0



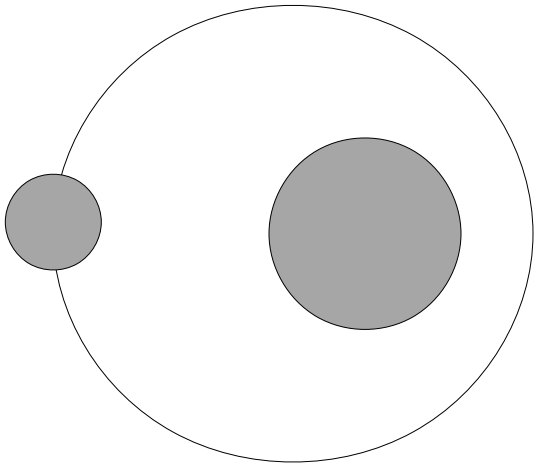
CURRENT PARAMETERS
a = 0.5
e = 0.3
day = 121.74
theta = 0



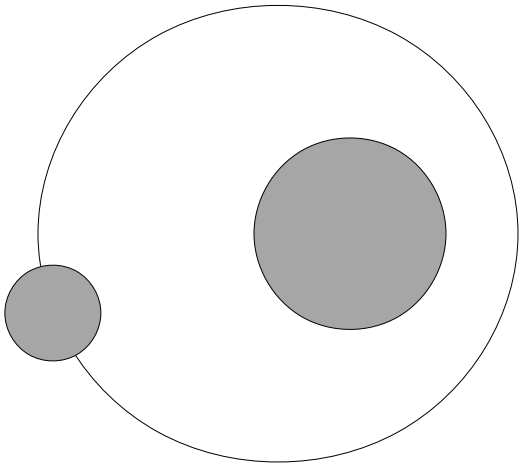
CURRENT PARAMETERS
a = 0.5
e = 0.3
day = 152.18
theta = 0



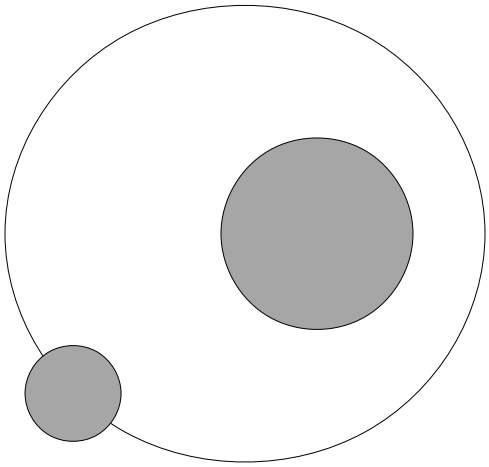
CURRENT PARAMETERS
a = 0.5
e = 0.3
day = 182.62
theta = 0



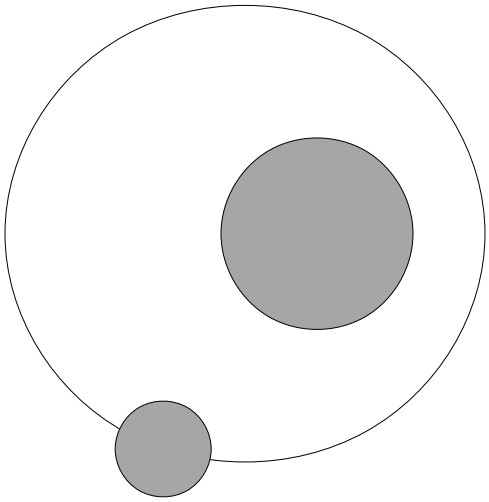
CURRENT PARAMETERS
a = 0.5
e = 0.3
day = 213.05
theta = 0



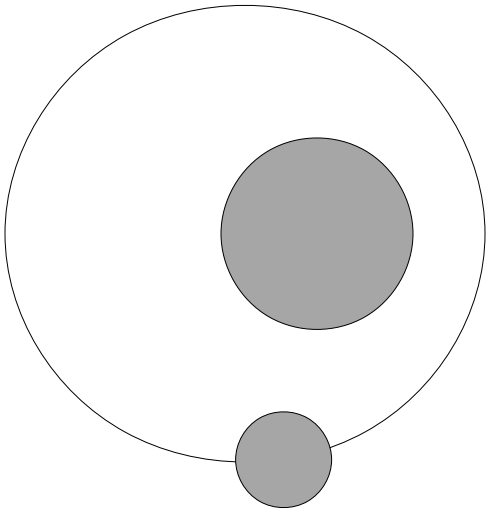
CURRENT PARAMETERS
a = 0.5
e = 0.3
day = 243.49
theta = 0



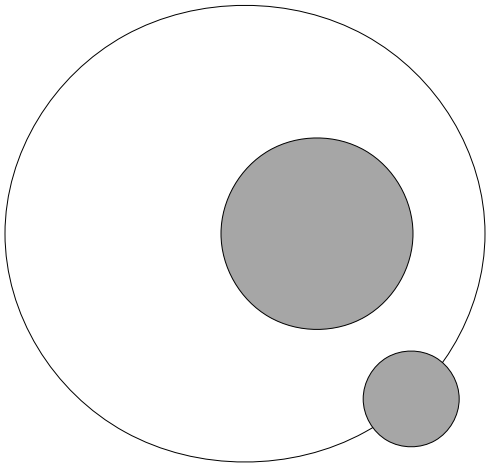
CURRENT PARAMETERS
a = 0.5
e = 0.3
day = 273.93
theta = 0



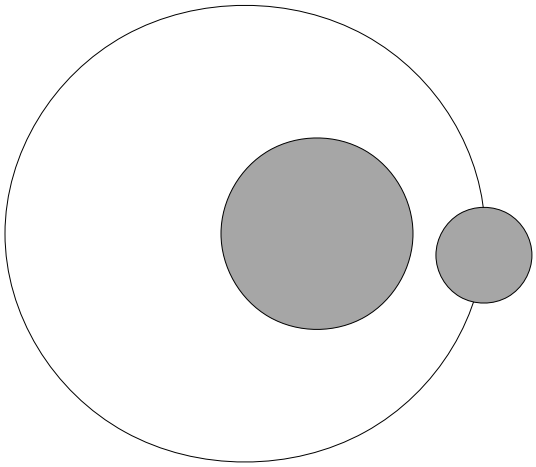
CURRENT PARAMETERS
a = 0.5
e = 0.3
day = 304.36
theta = 0



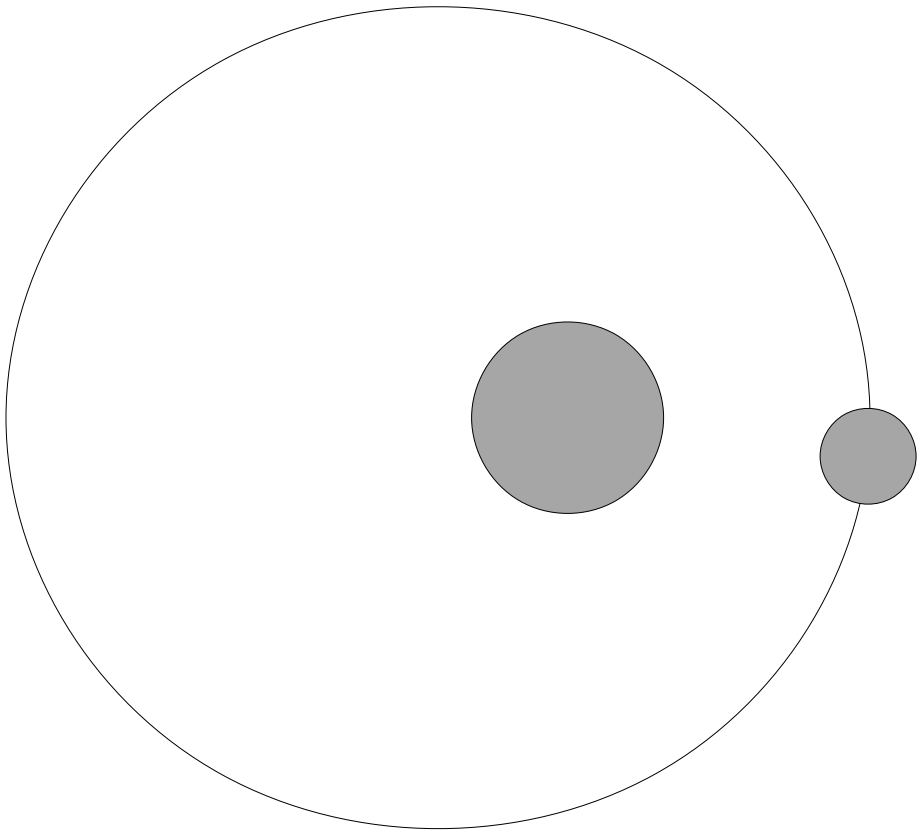
CURRENT PARAMETERS
a = 0.5
e = 0.3
day = 334.8
theta = 0



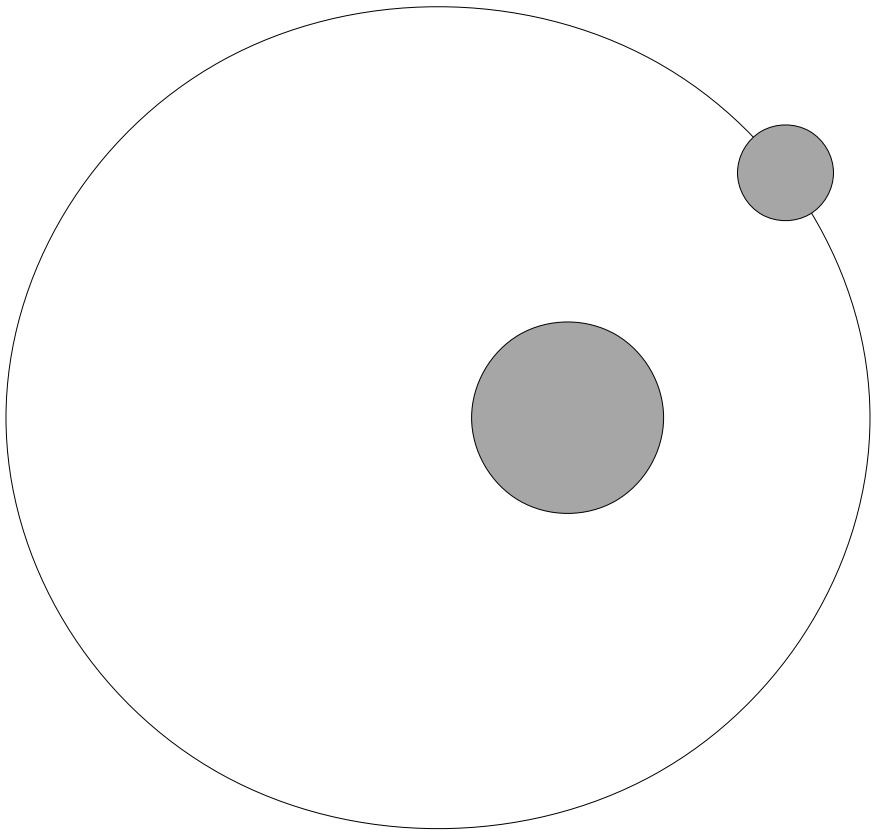
CURRENT PARAMETERS
a = 0.5
e = 0.3
day = 365.24
theta = 0



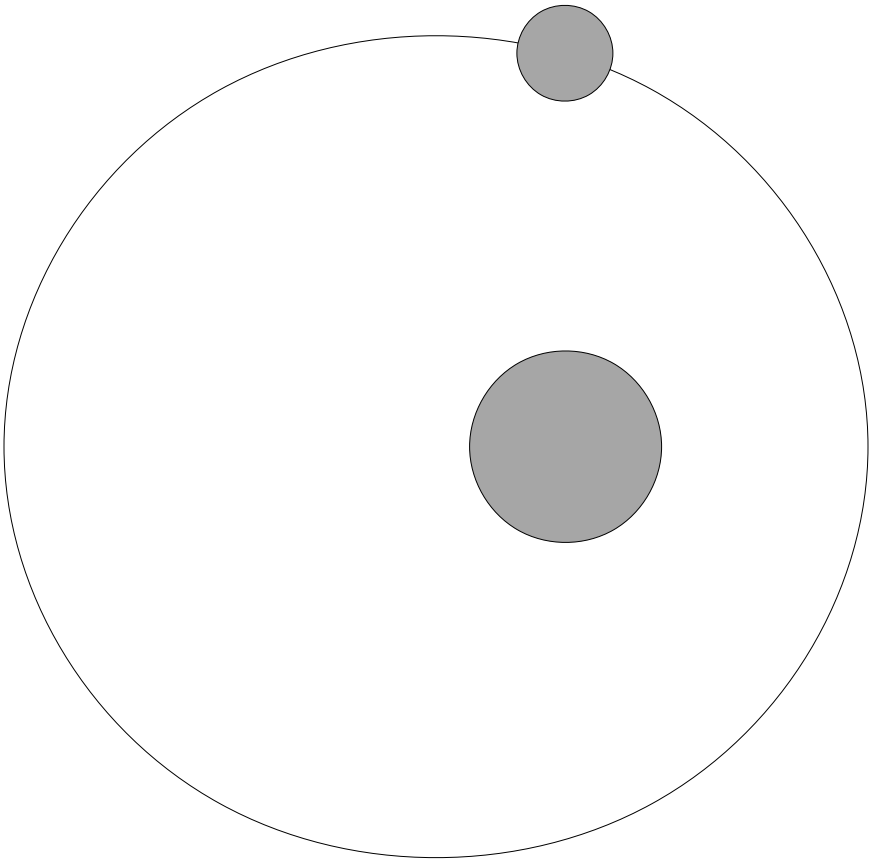
CURRENT PARAMETERS
a = 0.9
e = 0.3
day = 0.0
theta = 0



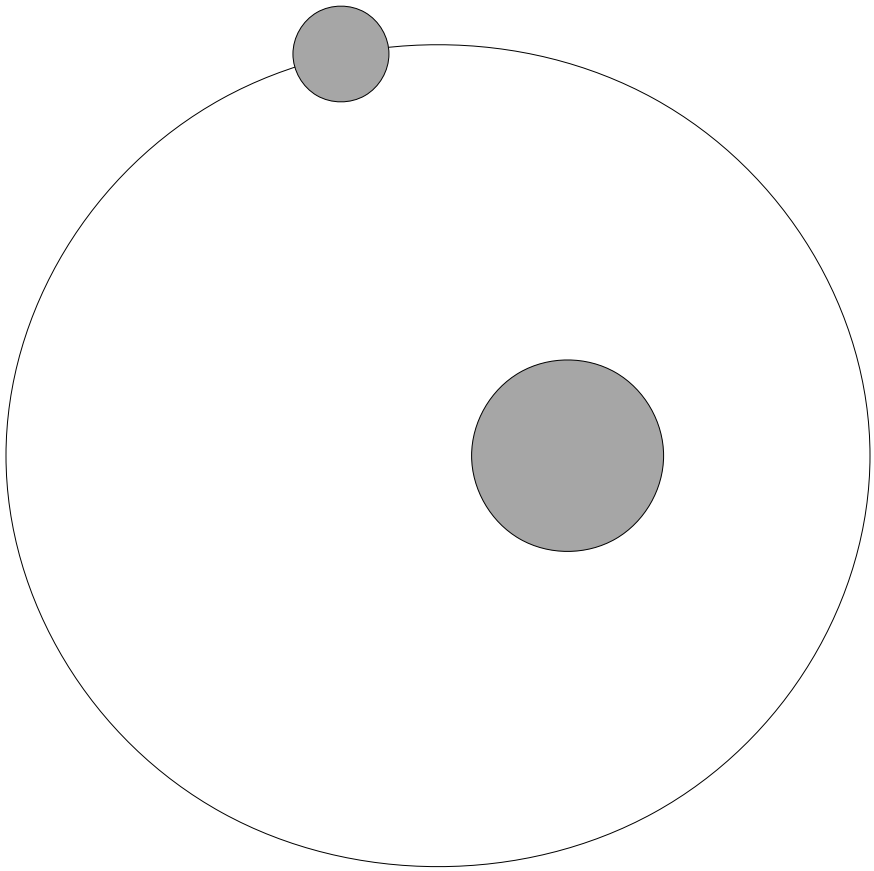
CURRENT PARAMETERS
a = 0.9
e = 0.3
day = 30.43
theta = 0



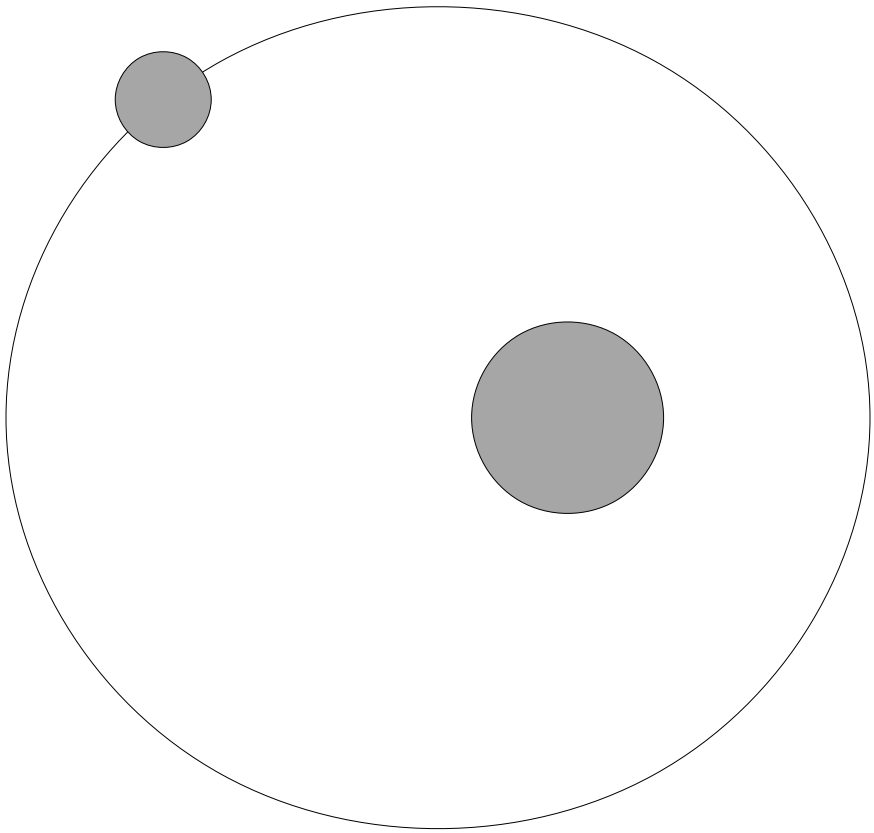
CURRENT PARAMETERS
a = 0.9
e = 0.3
day = 60.87
theta = 0



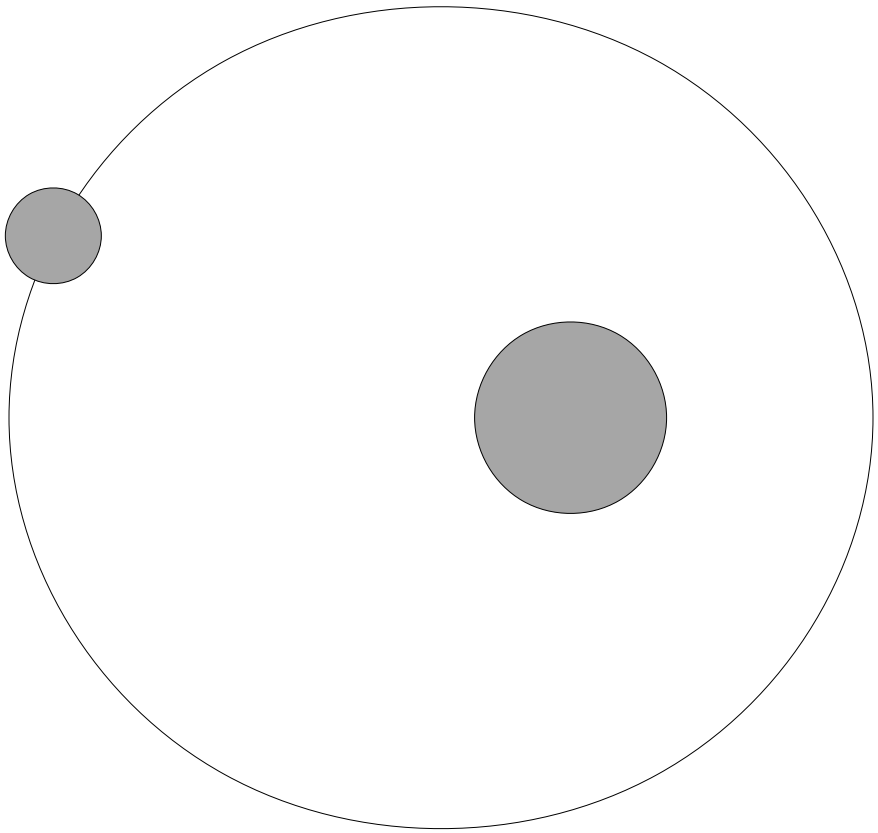
CURRENT PARAMETERS
a = 0.9
e = 0.3
day = 91.31
theta = 0



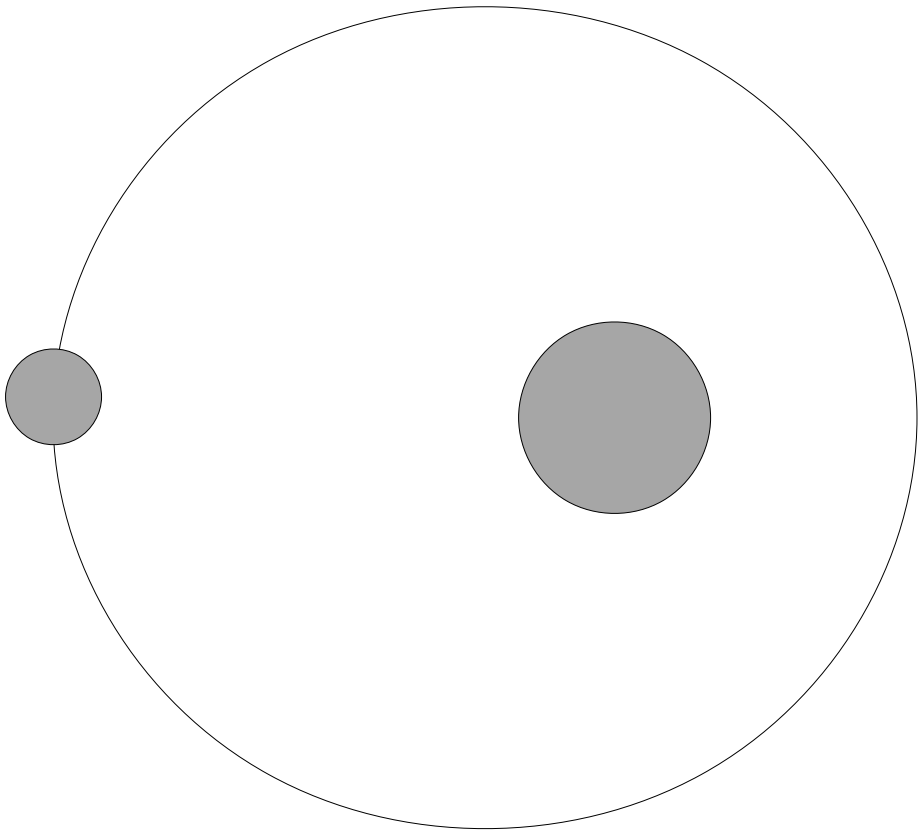
CURRENT PARAMETERS
a = 0.9
e = 0.3
day = 121.74
theta = 0



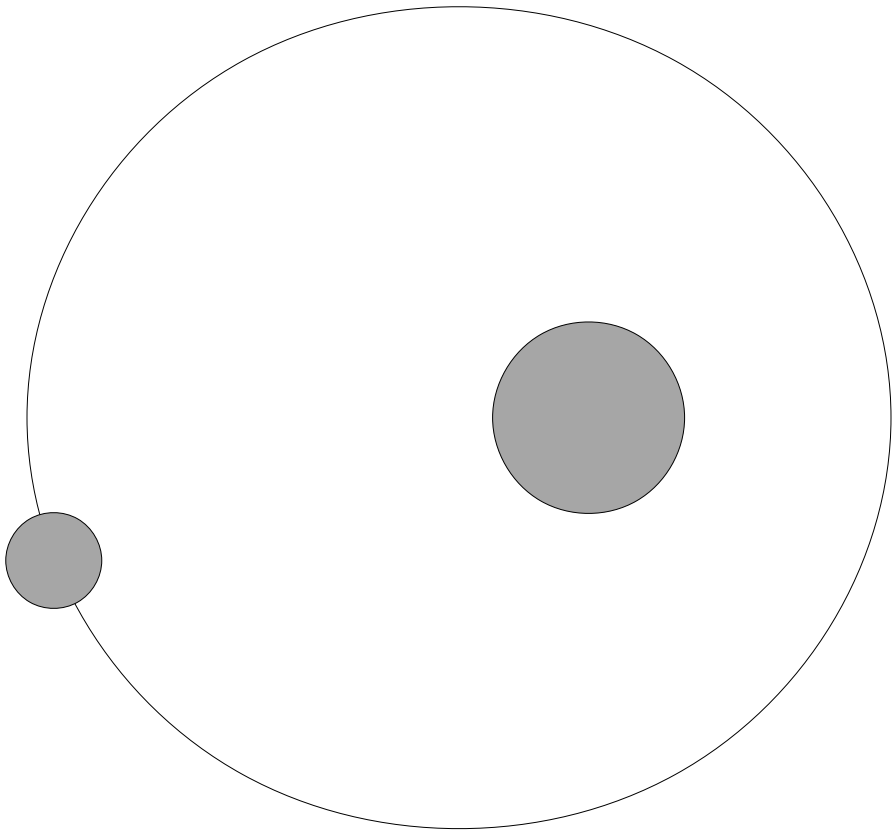
CURRENT PARAMETERS
a = 0.9
e = 0.3
day = 152.18
theta = 0



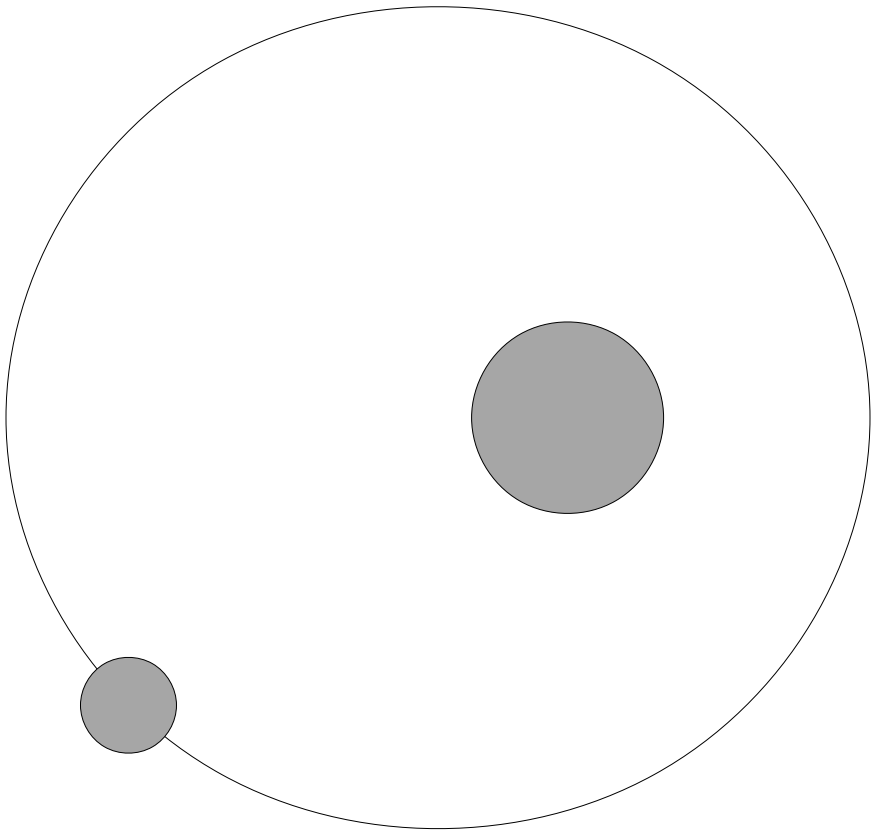
CURRENT PARAMETERS
a = 0.9
e = 0.3
day = 182.62
theta = 0



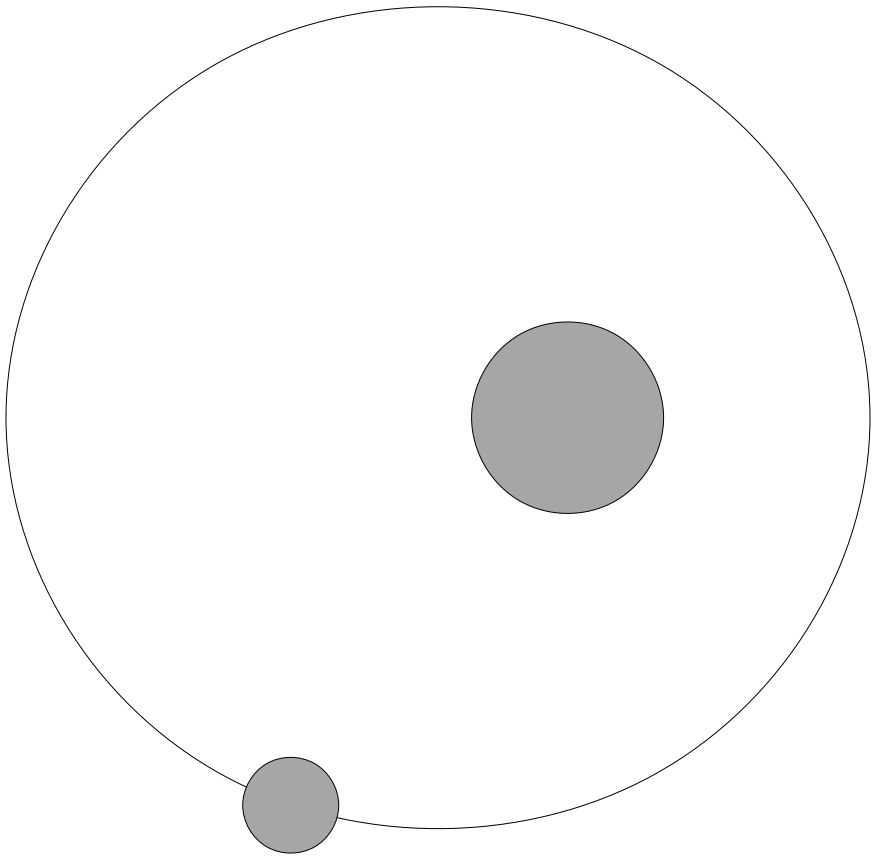
CURRENT PARAMETERS
a = 0.9
e = 0.3
day = 213.05
theta = 0



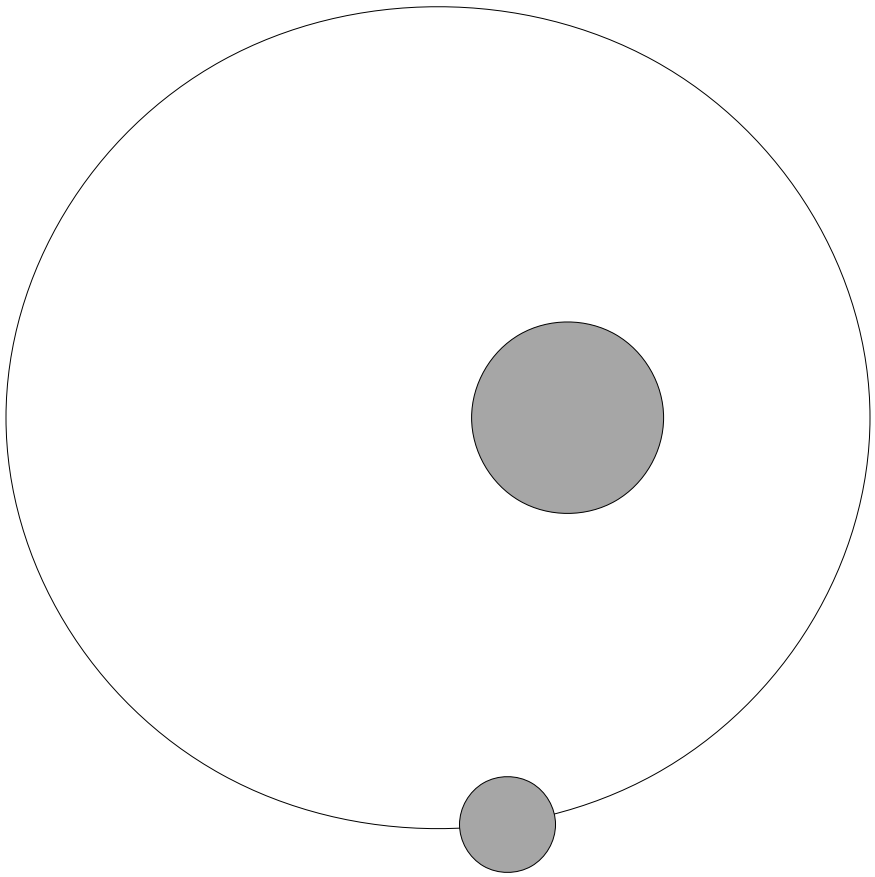
CURRENT PARAMETERS
a = 0.9
e = 0.3
day = 243.49
theta = 0



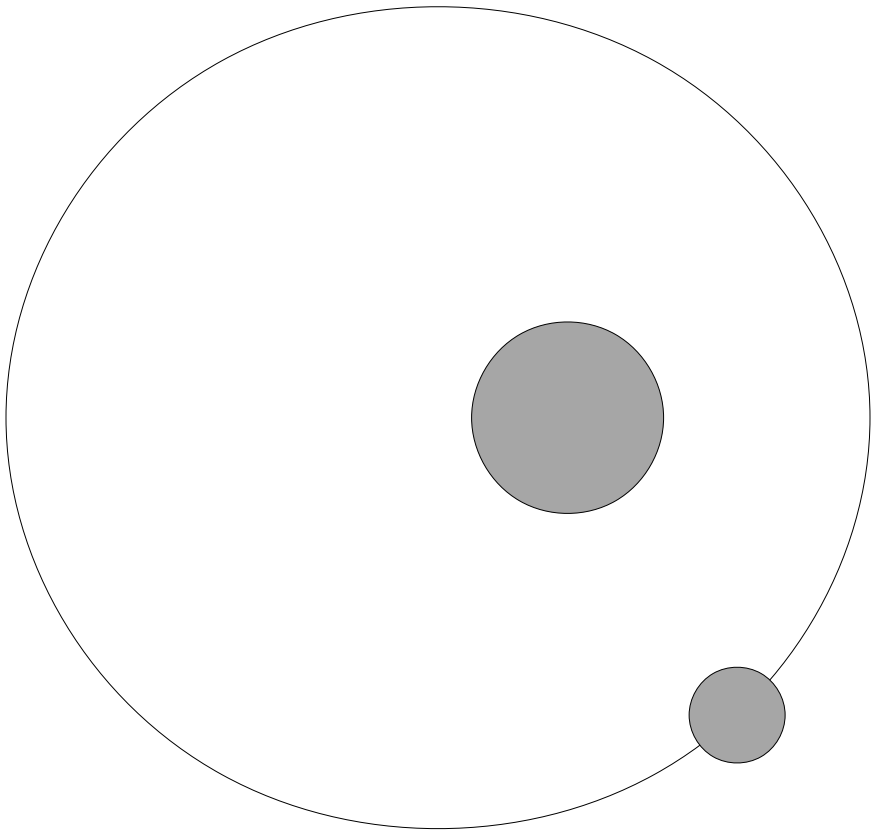
CURRENT PARAMETERS
a = 0.9
e = 0.3
day = 273.93
theta = 0



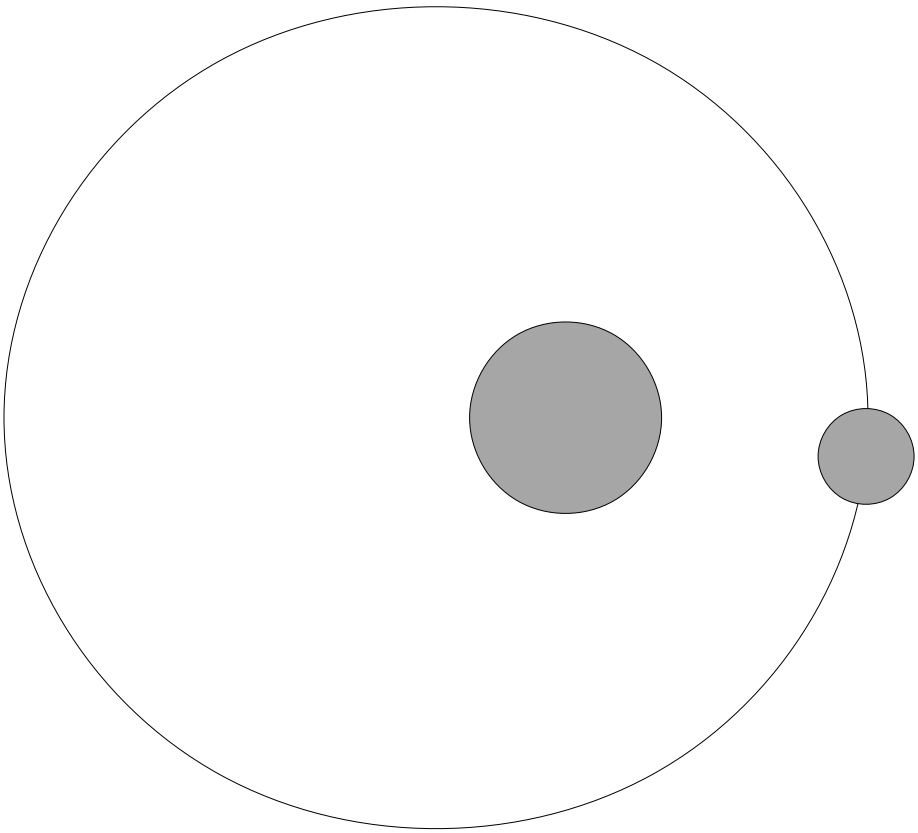
CURRENT PARAMETERS
a = 0.9
e = 0.3
day = 304.36
theta = 0



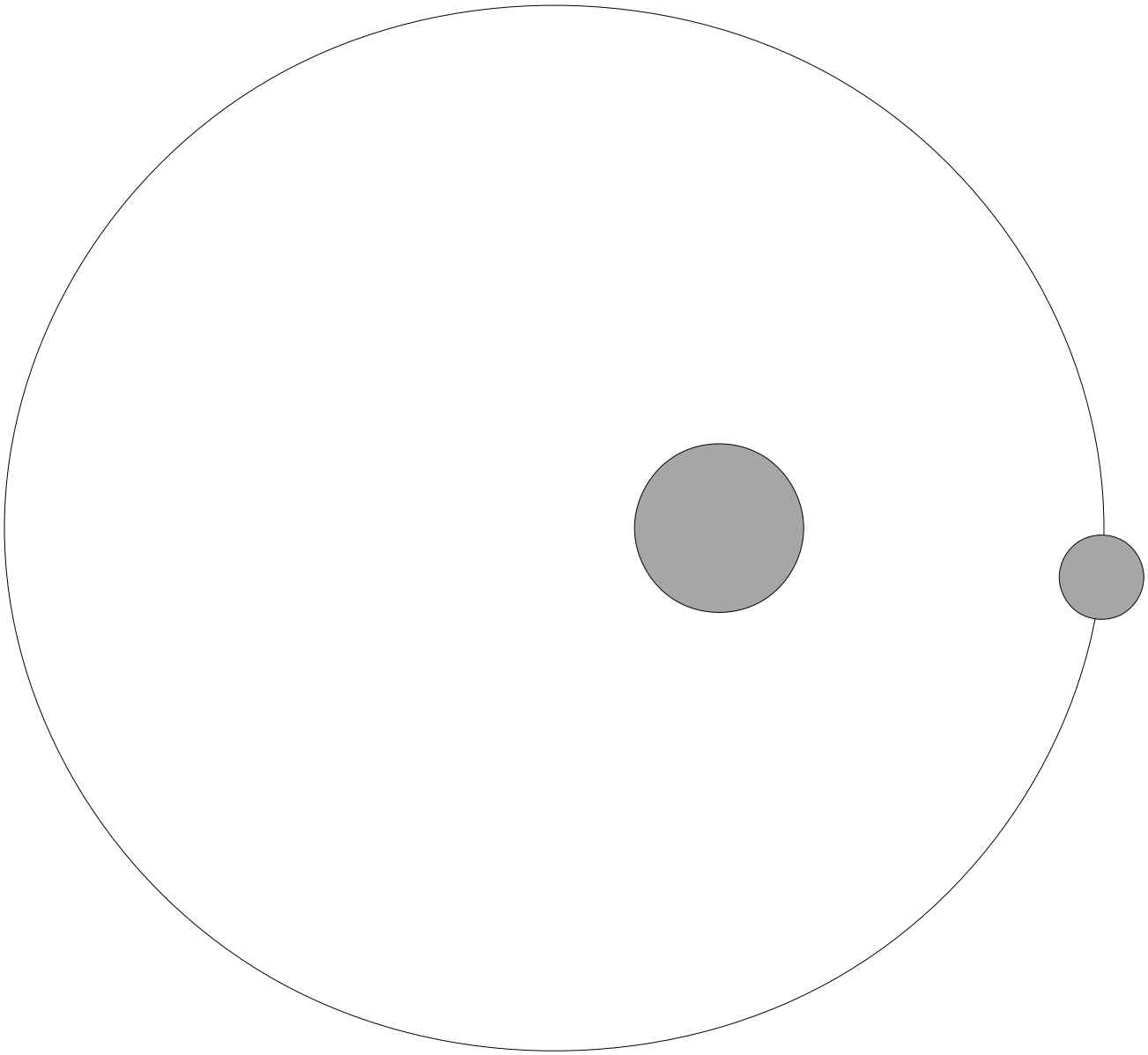
CURRENT PARAMETERS
a = 0.9
e = 0.3
day = 334.8
theta = 0



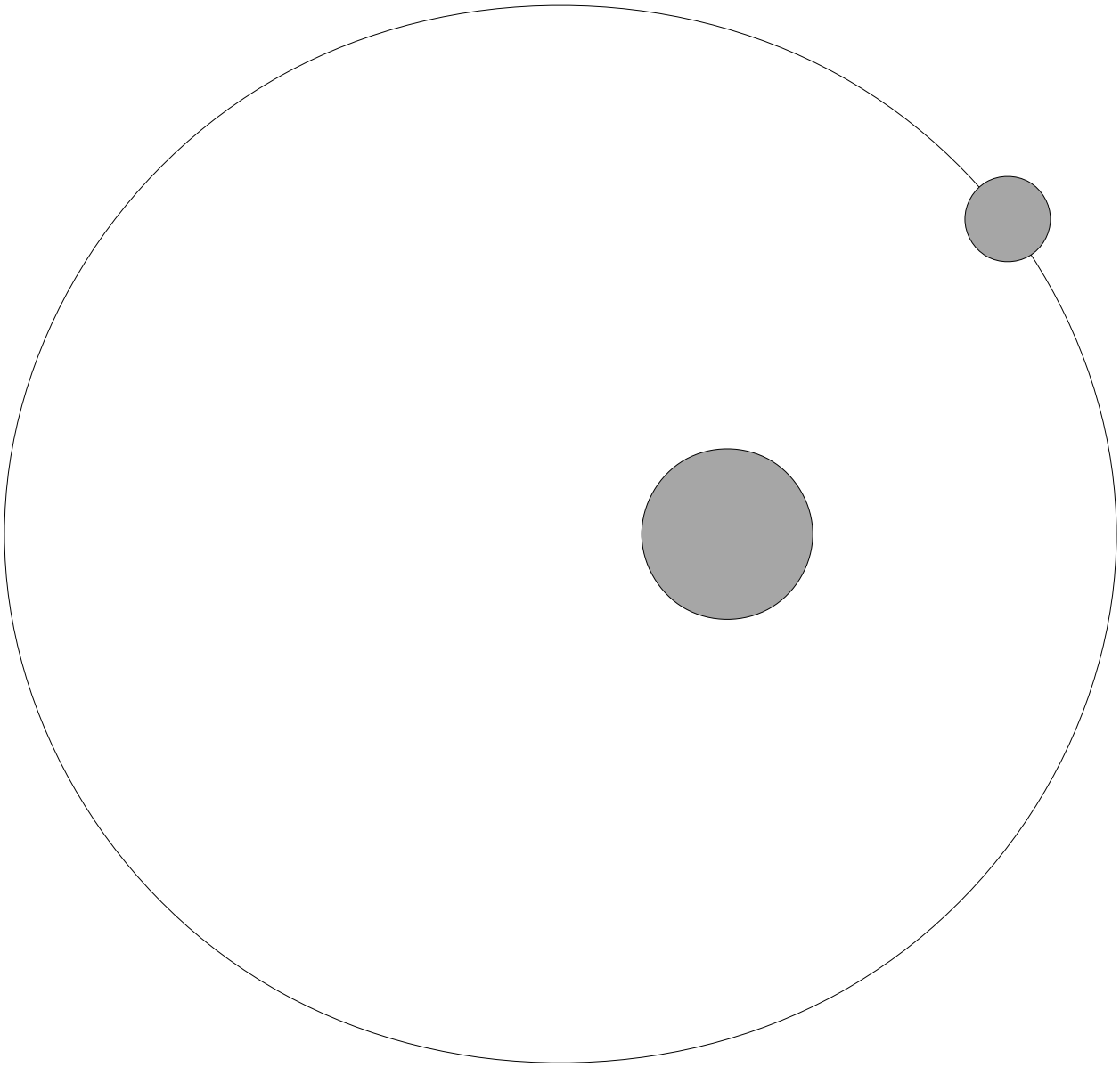
CURRENT PARAMETERS
a = 0.9
e = 0.3
day = 365.24
theta = 0



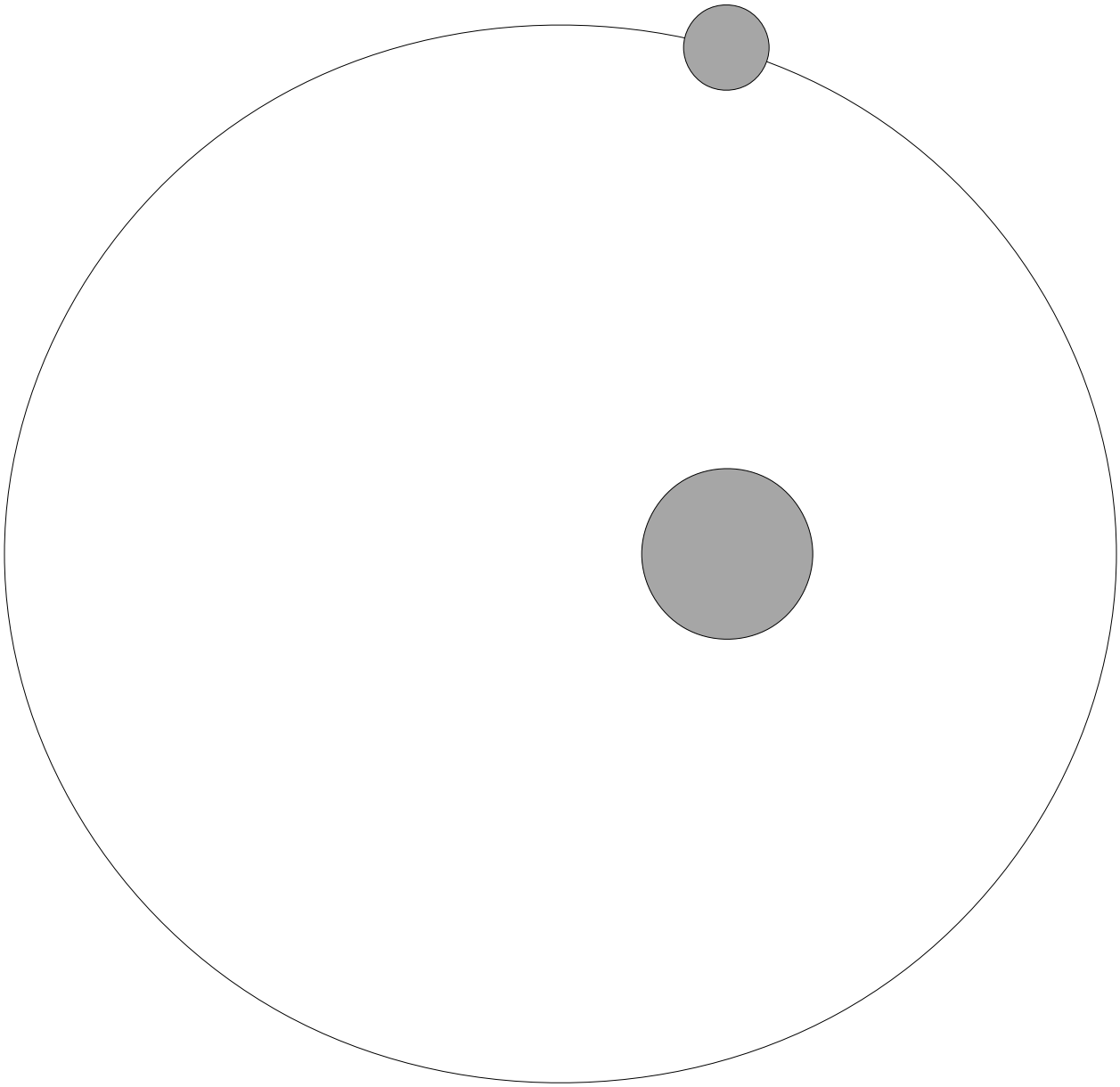
CURRENT PARAMETERS
a = 1.3
e = 0.3
day = 0.0
theta = 0



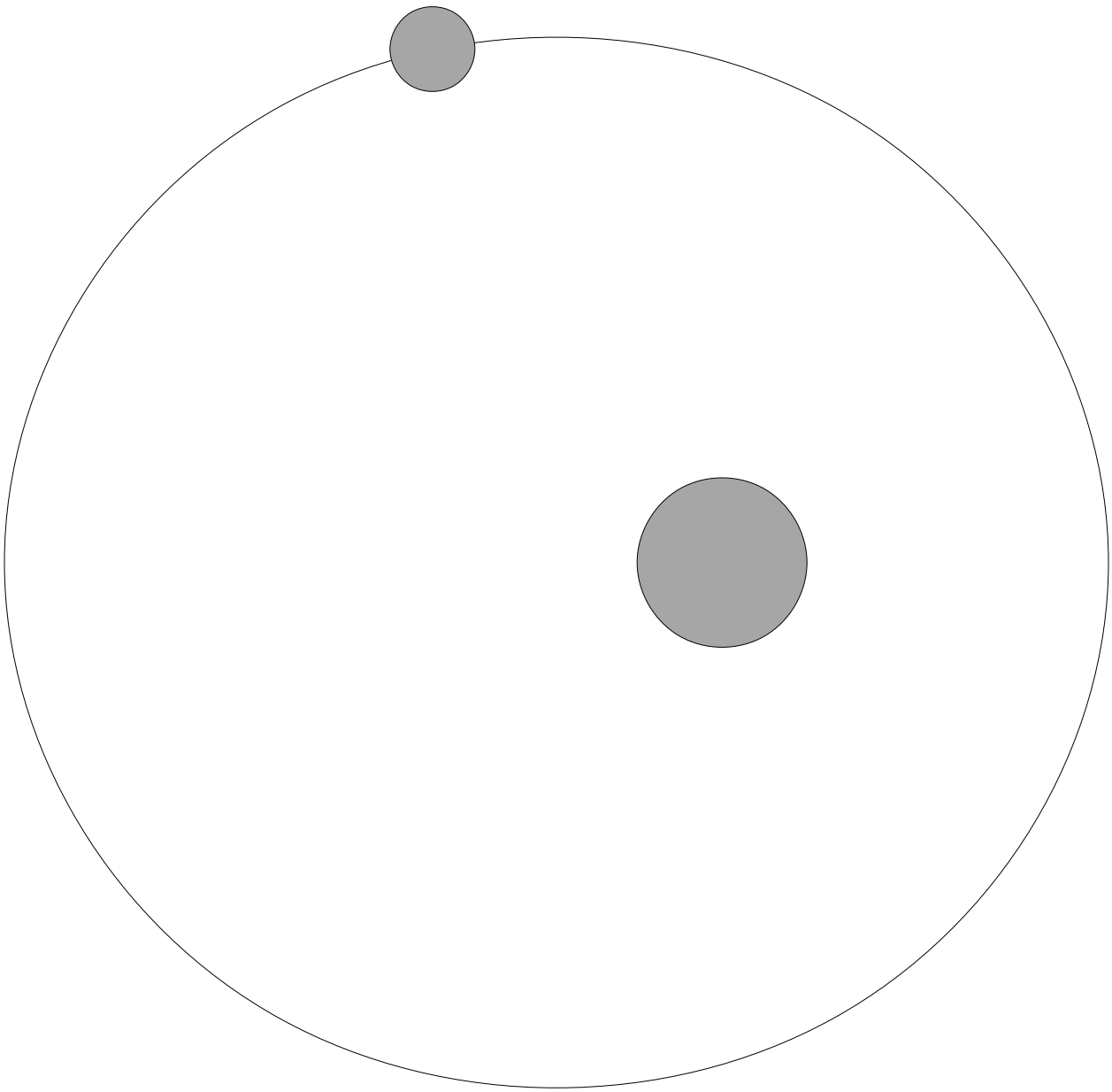
CURRENT PARAMETERS
a = 1.3
e = 0.3
day = 30.43
theta = 0



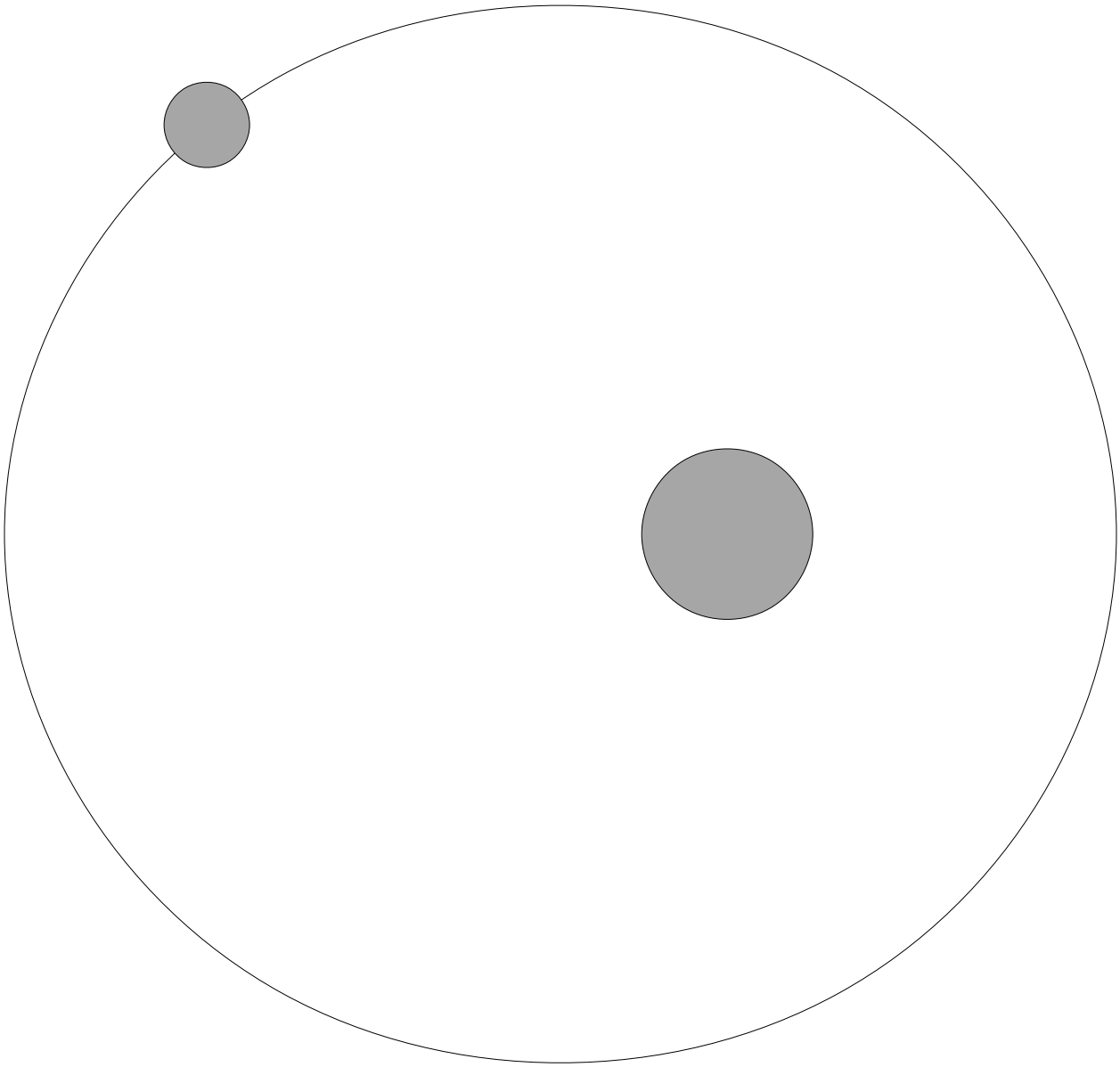
CURRENT PARAMETERS
a = 1.3
e = 0.3
day = 60.87
theta = 0



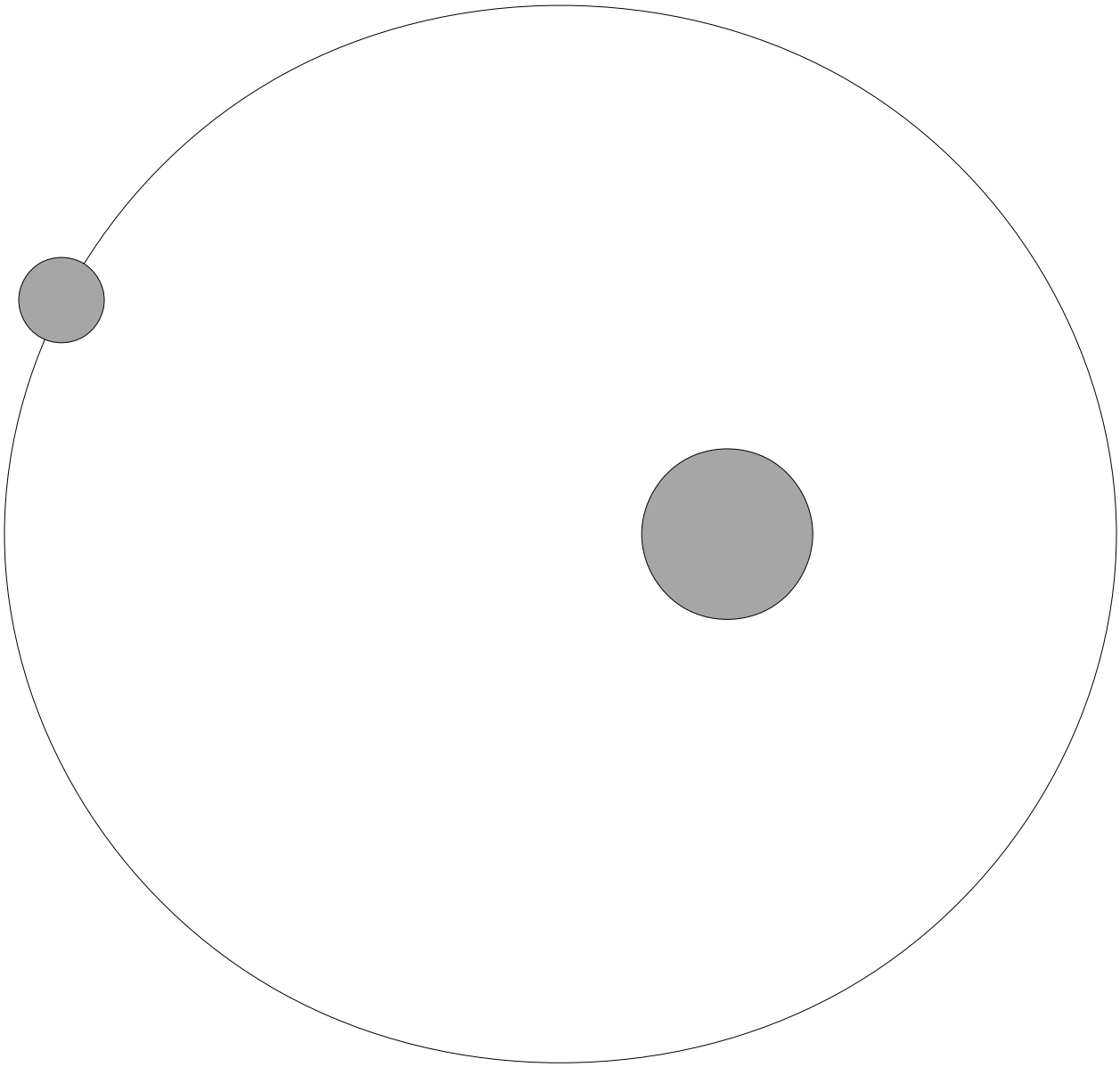
CURRENT PARAMETERS
a = 1.3
e = 0.3
day = 91.31
theta = 0



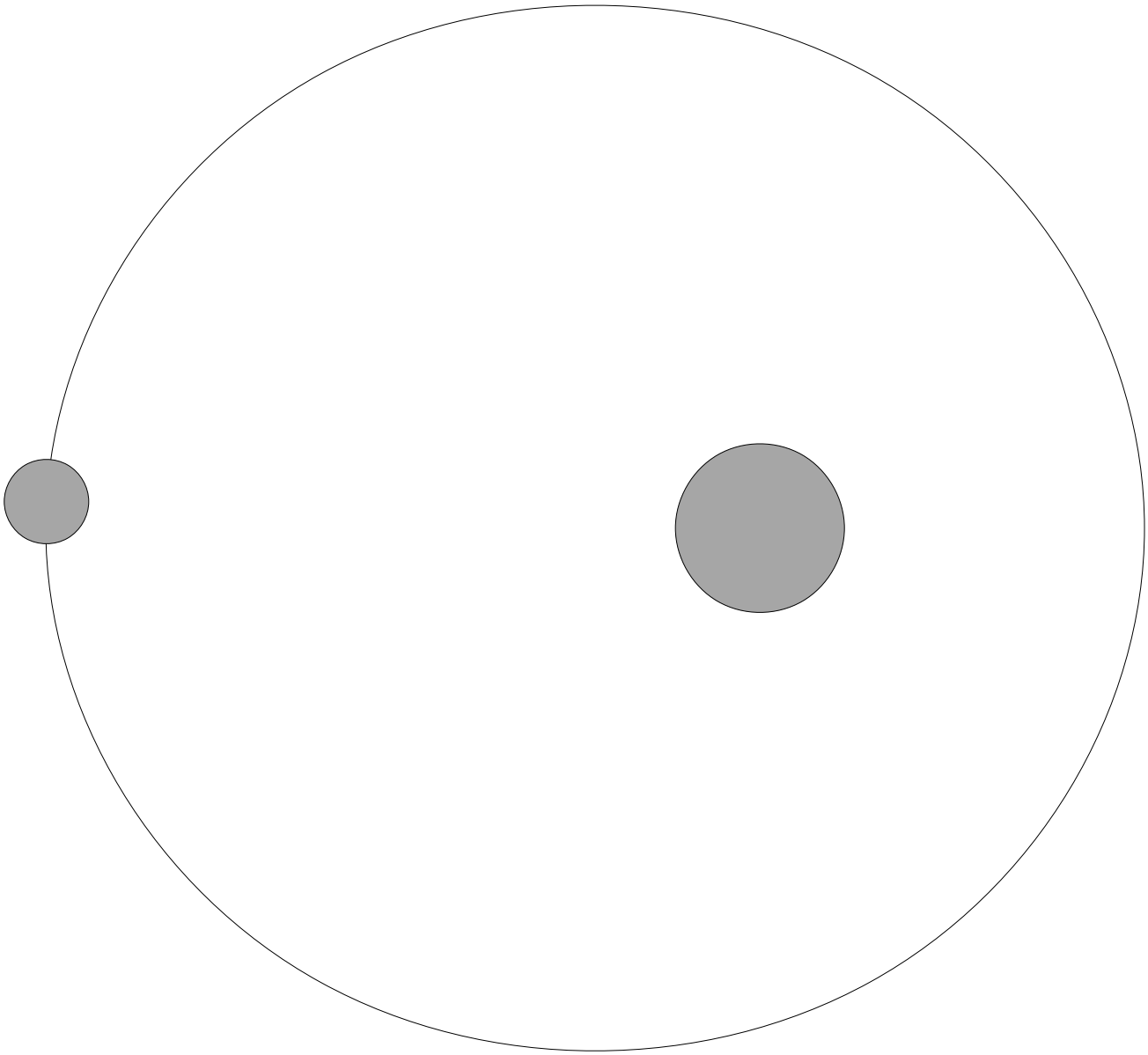
CURRENT PARAMETERS
a = 1.3
e = 0.3
day = 121.74
theta = 0



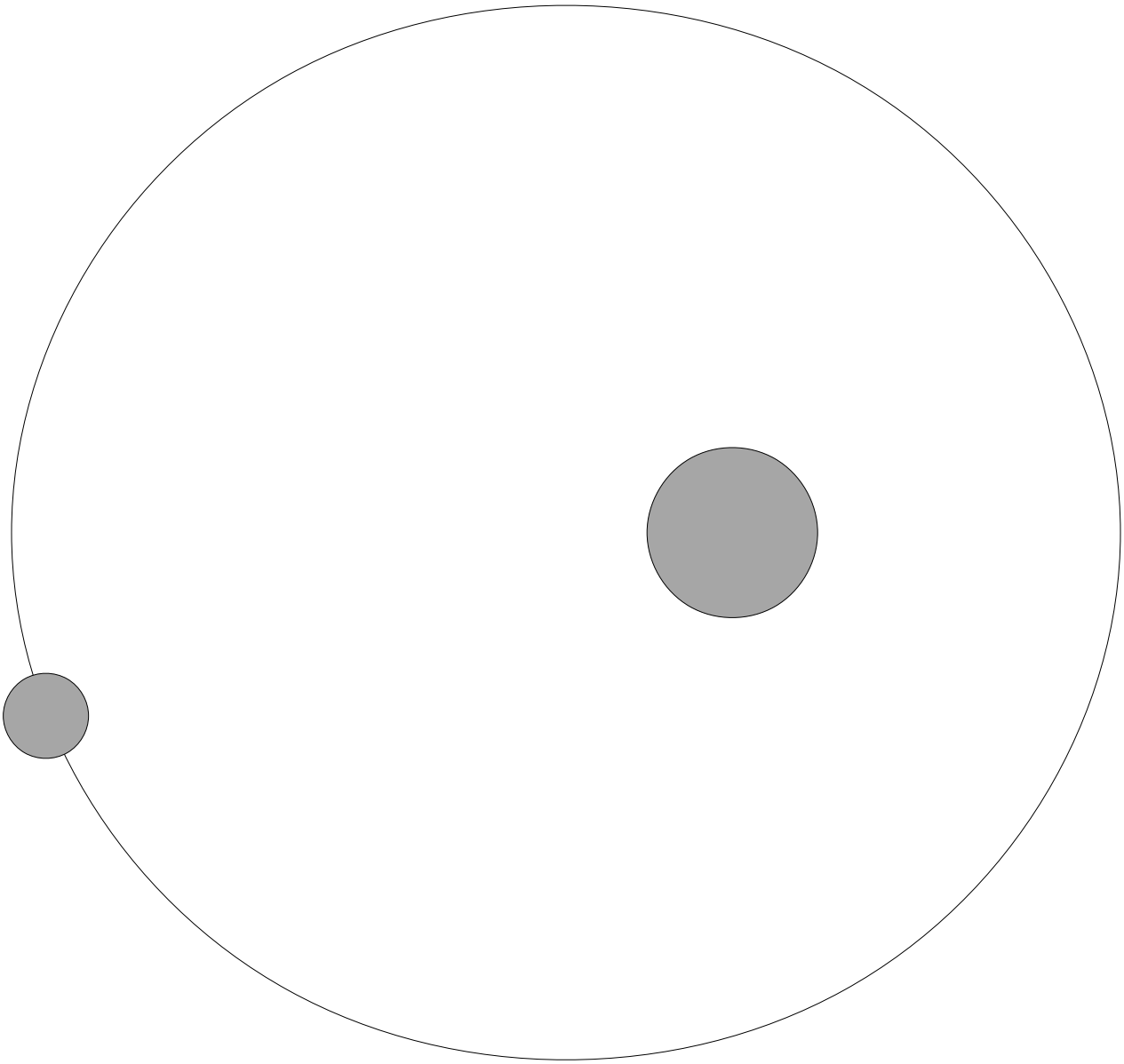
CURRENT PARAMETERS
a = 1.3
e = 0.3
day = 152.18
theta = 0



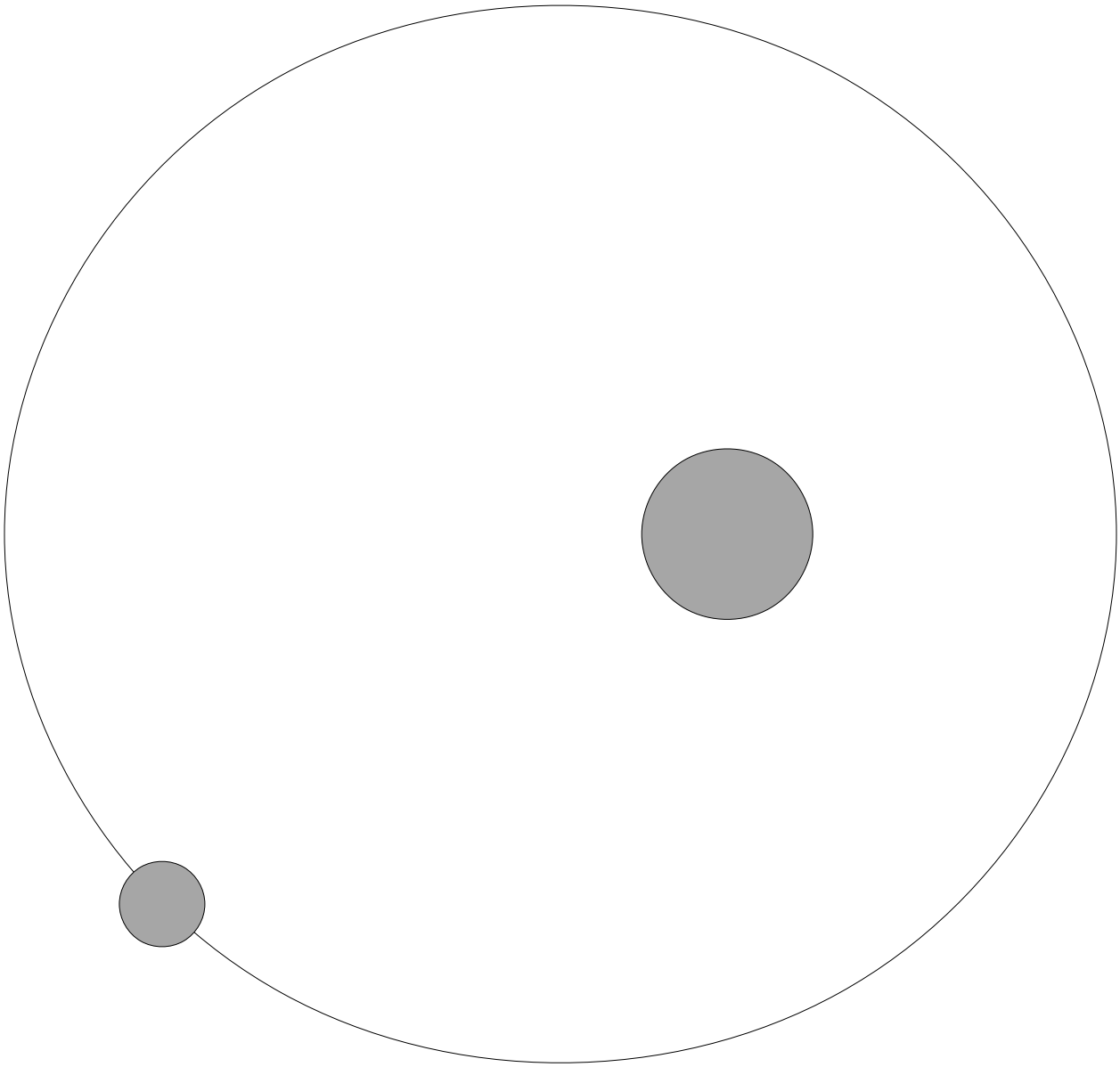
CURRENT PARAMETERS
a = 1.3
e = 0.3
day = 182.62
theta = 0



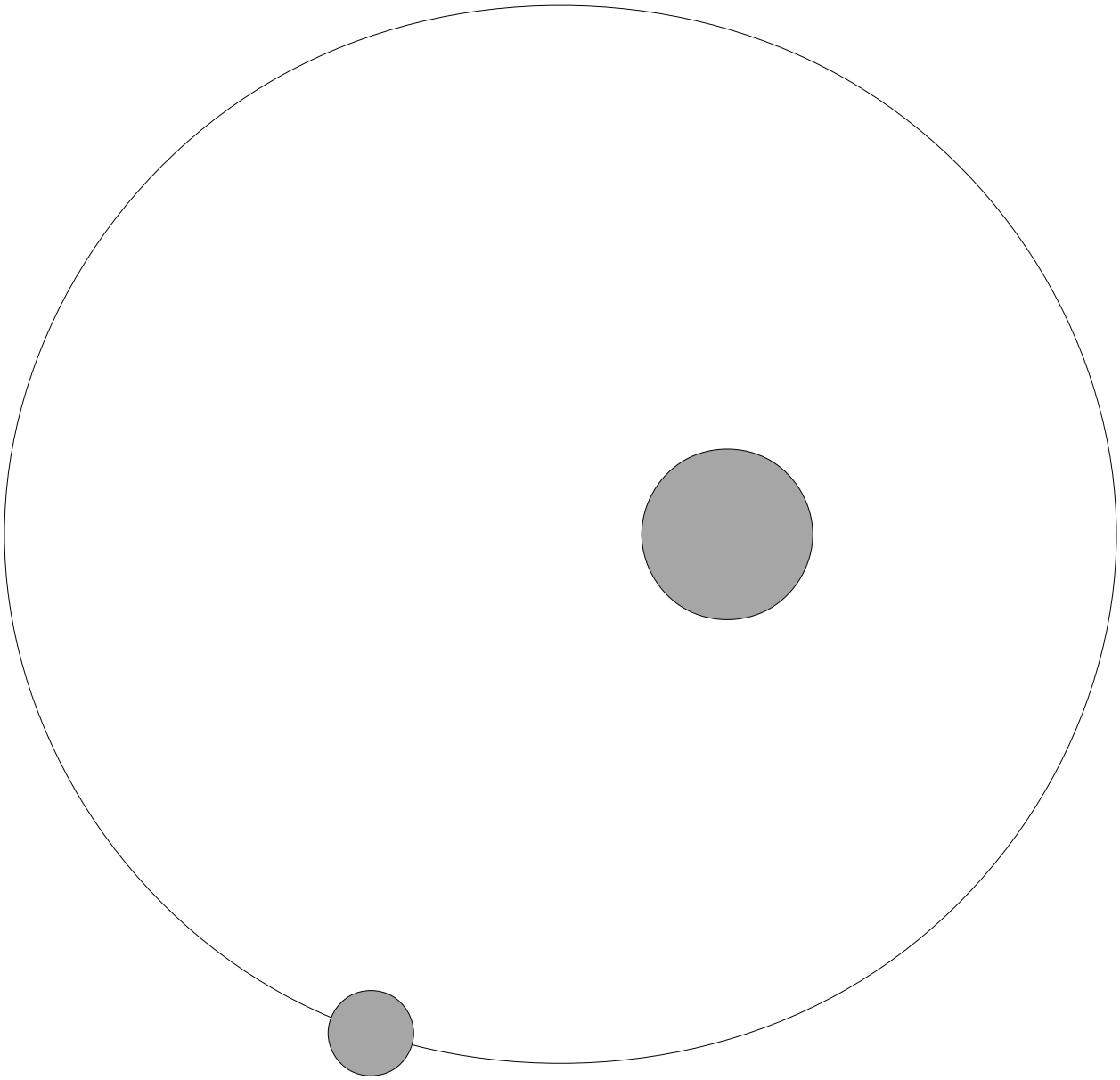
CURRENT PARAMETERS
a = 1.3
e = 0.3
day = 213.05
theta = 0



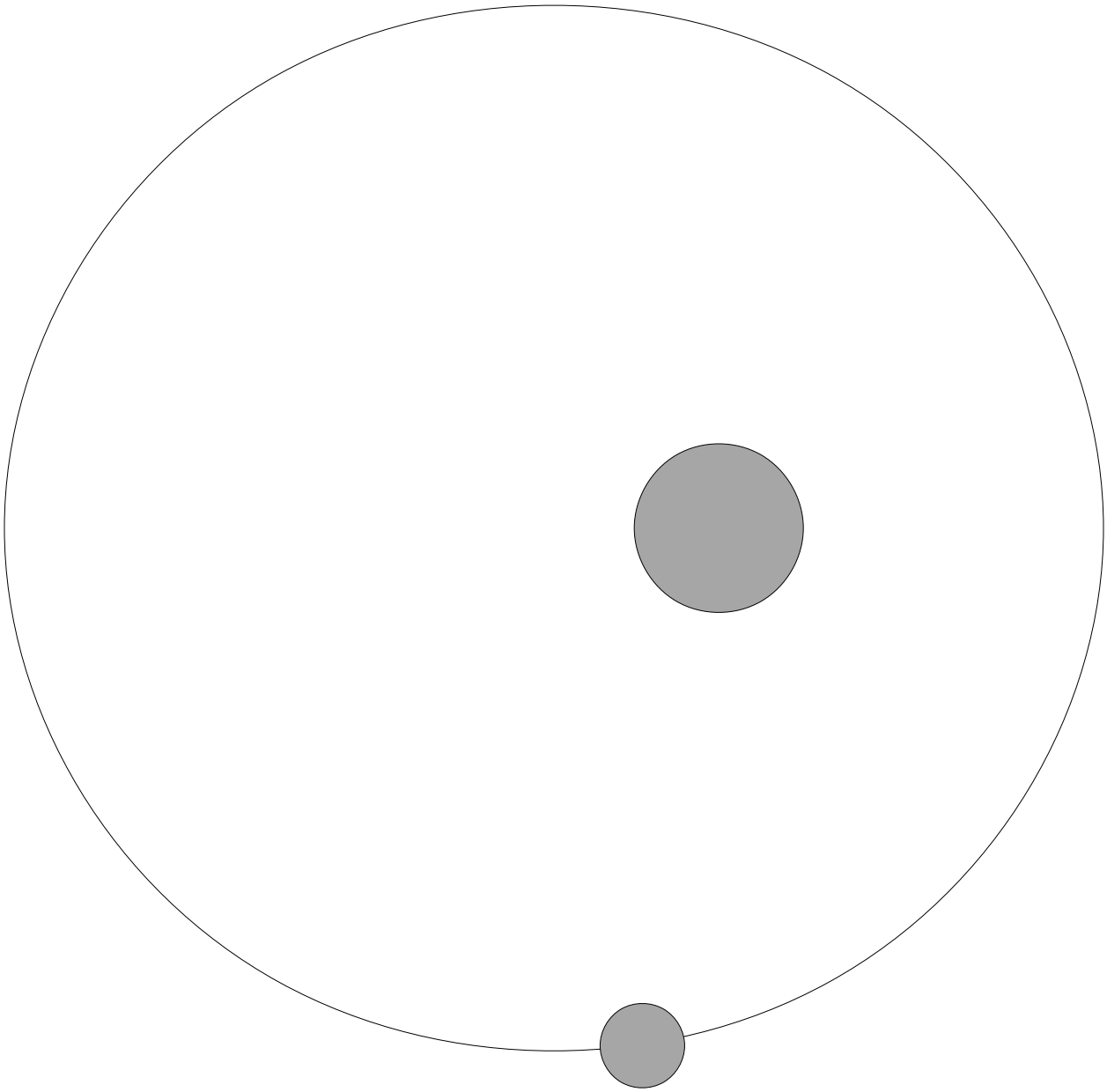
CURRENT PARAMETERS
a = 1.3
e = 0.3
day = 243.49
theta = 0



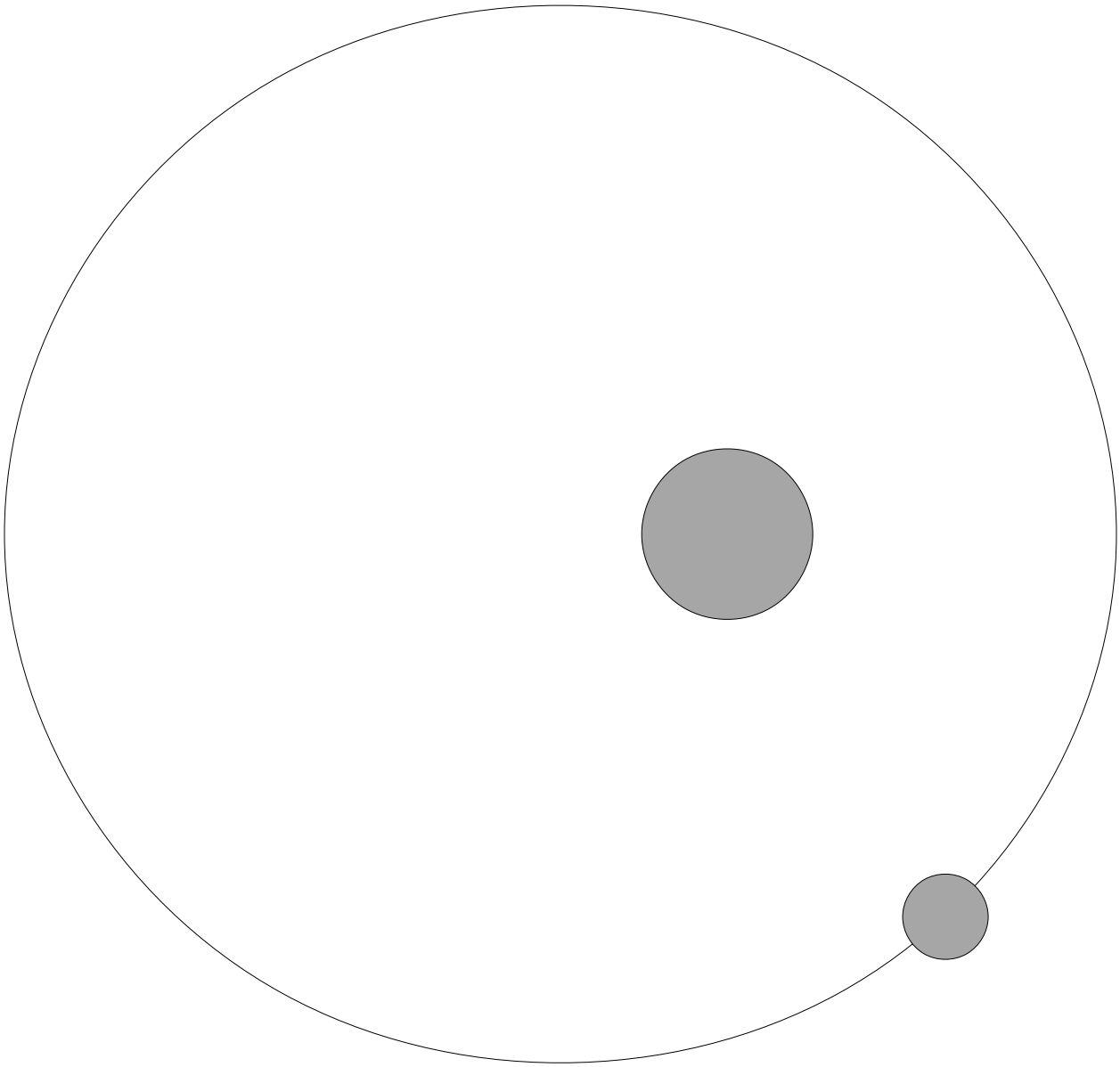
CURRENT PARAMETERS
a = 1.3
e = 0.3
day = 273.93
theta = 0



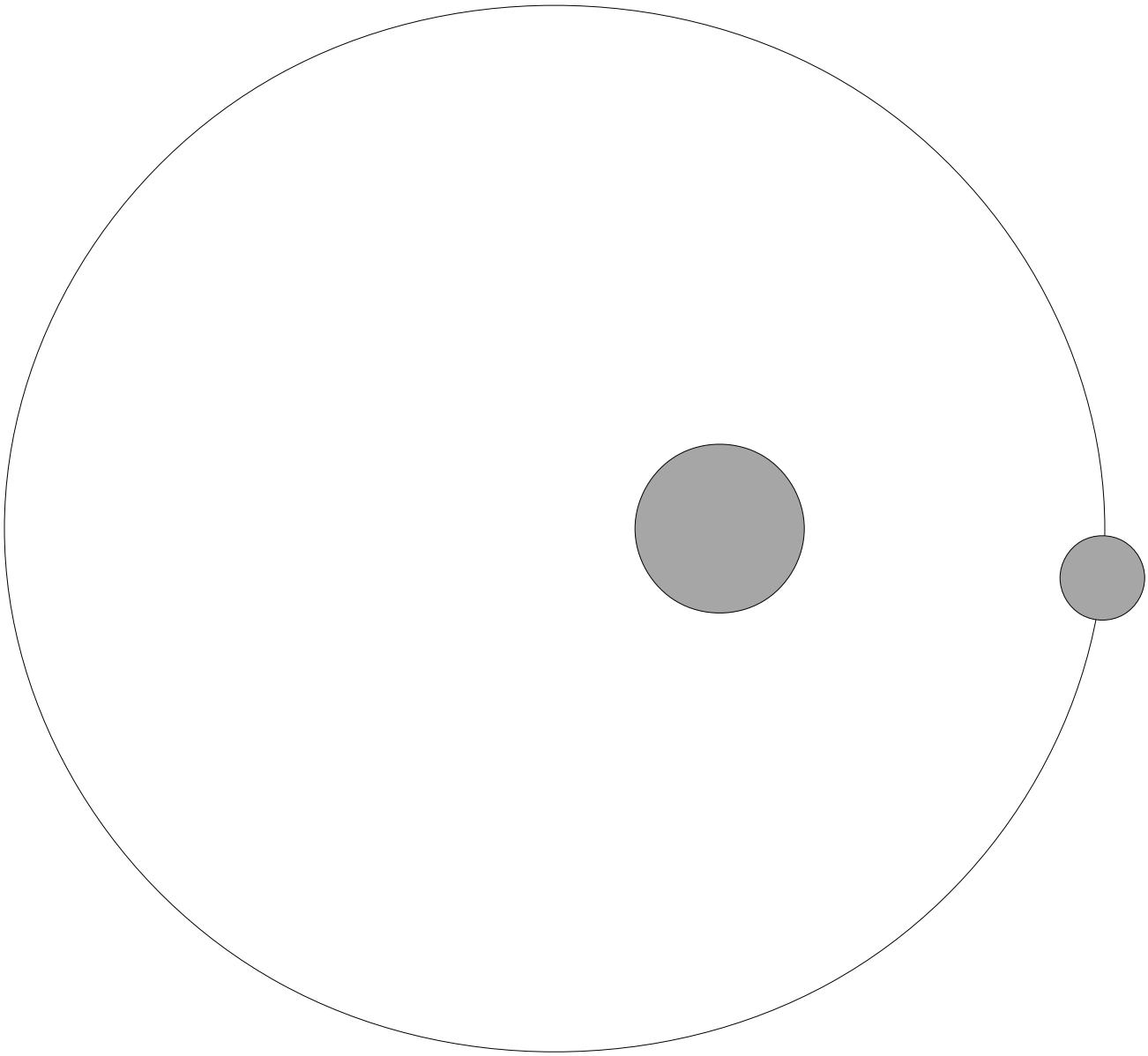
CURRENT PARAMETERS
a = 1.3
e = 0.3
day = 304.36
theta = 0



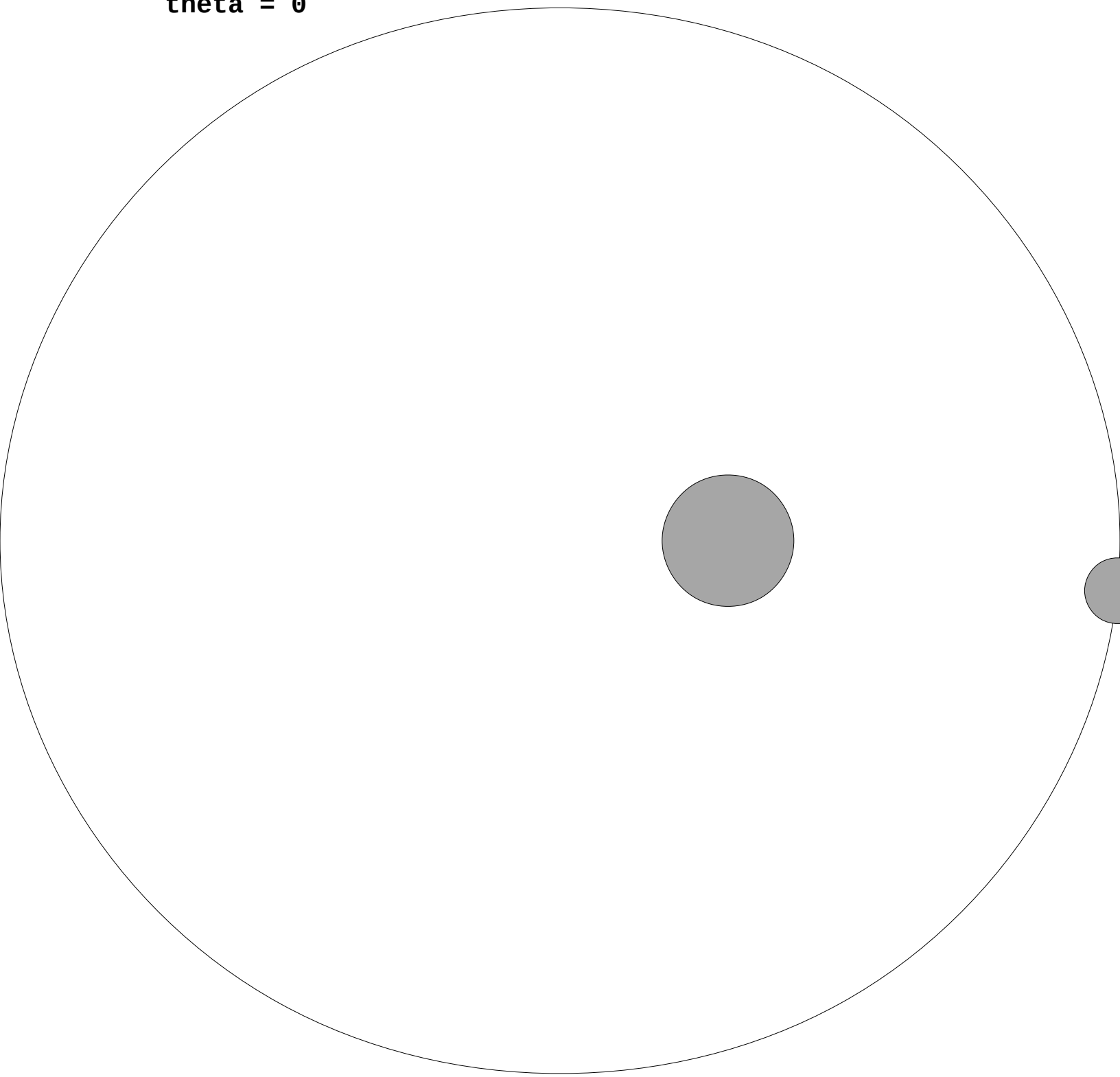
CURRENT PARAMETERS
a = 1.3
e = 0.3
day = 334.8
theta = 0



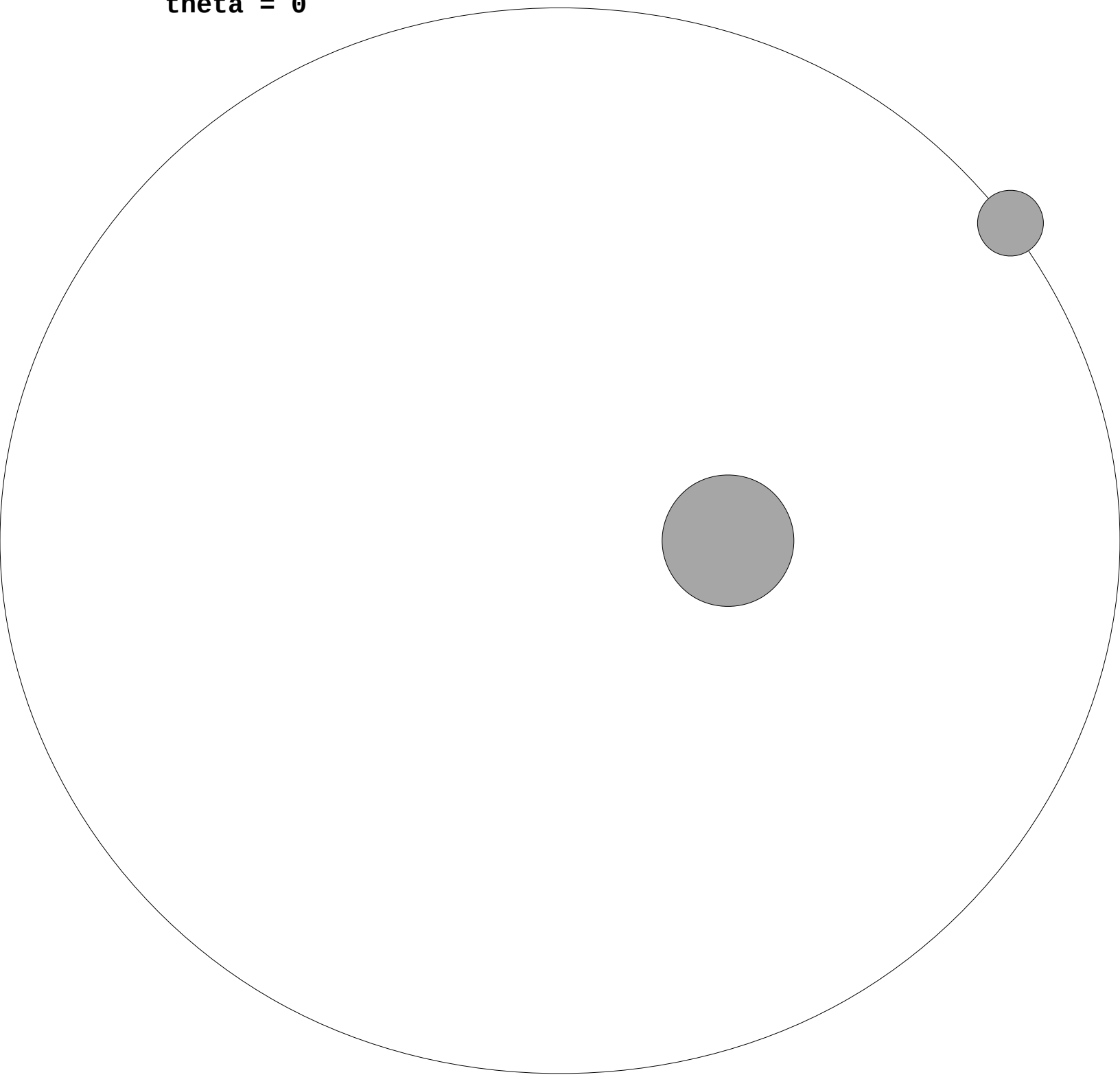
CURRENT PARAMETERS
a = 1.3
e = 0.3
day = 365.24
theta = 0



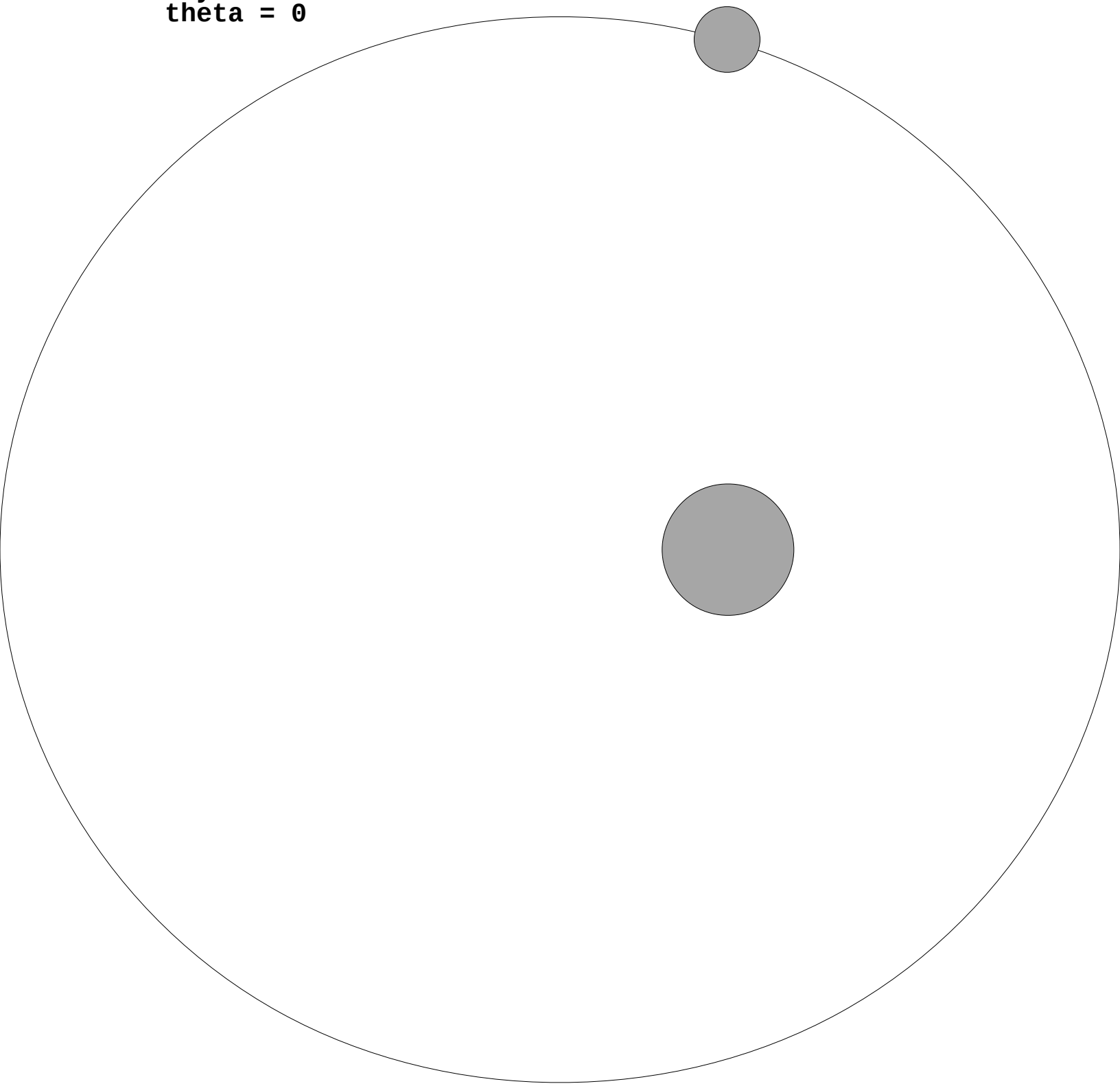
CURRENT PARAMETERS
a = 1.7
e = 0.3
day = 0.0
theta = 0



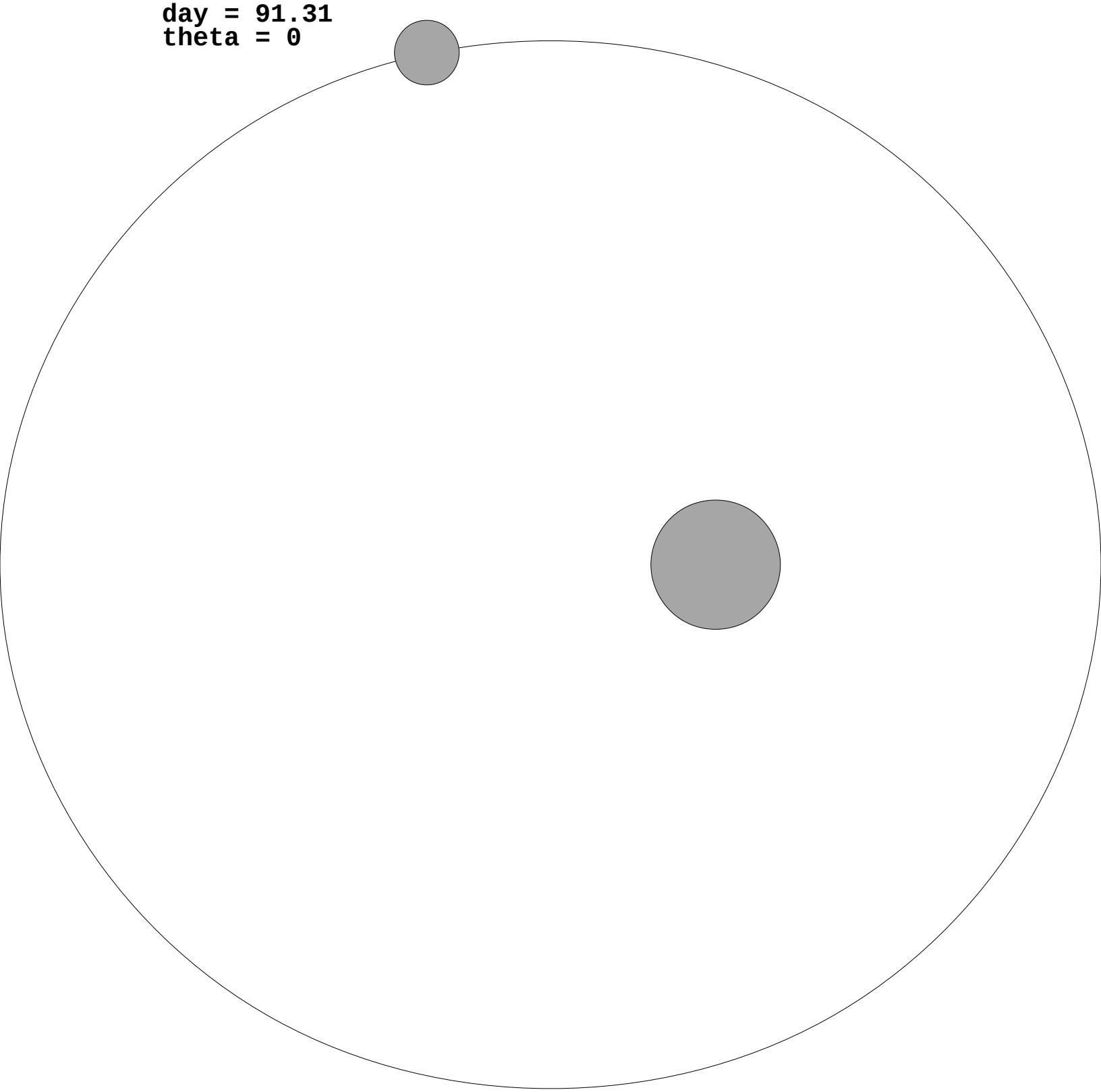
CURRENT PARAMETERS
a = 1.7
e = 0.3
day = 30.43
theta = 0



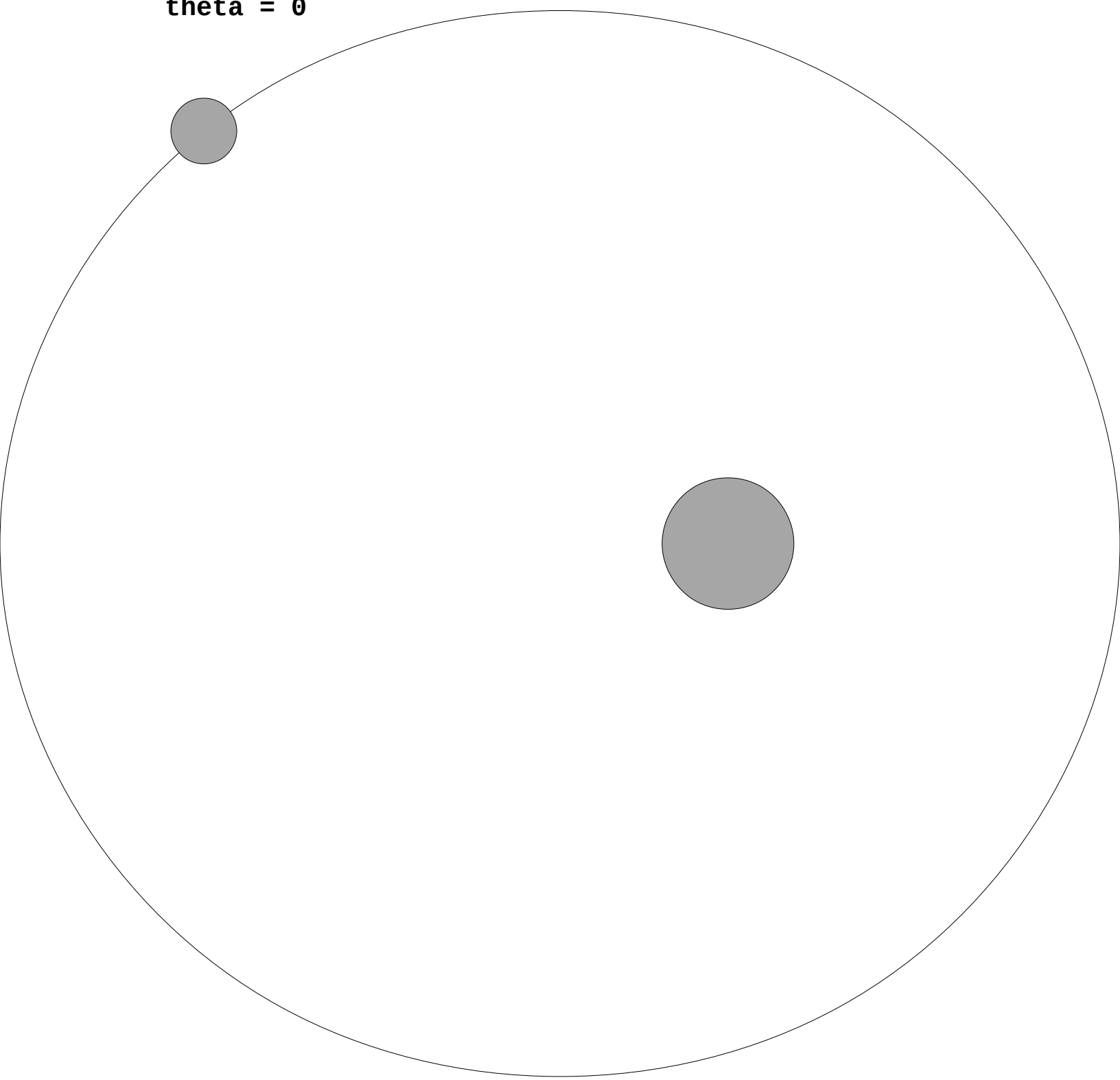
CURRENT PARAMETERS
a = 1.7
e = 0.3
day = 60.87
theta = 0



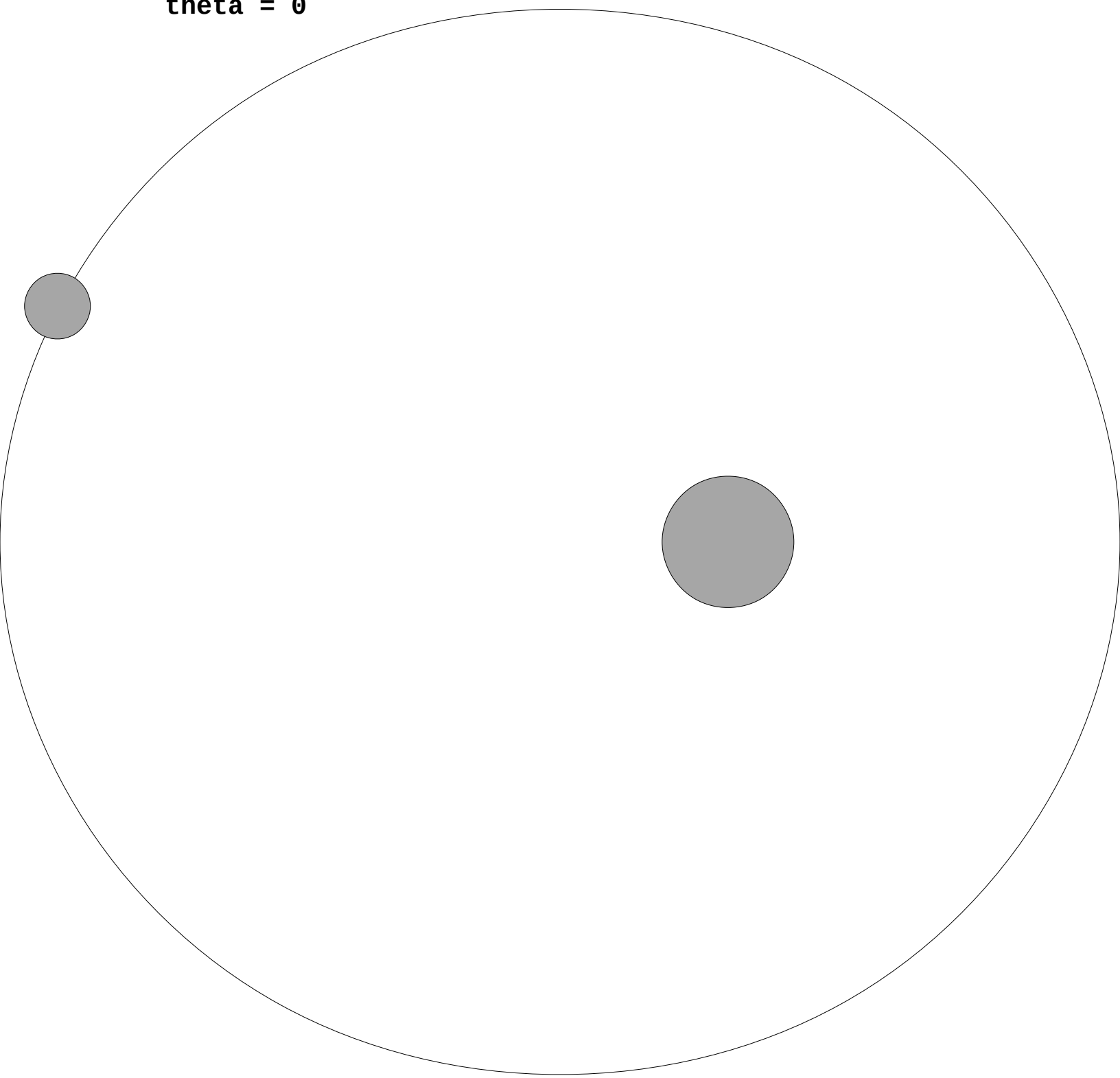
CURRENT PARAMETERS
a = 1.7
e = 0.3
day = 91.31
theta = 0



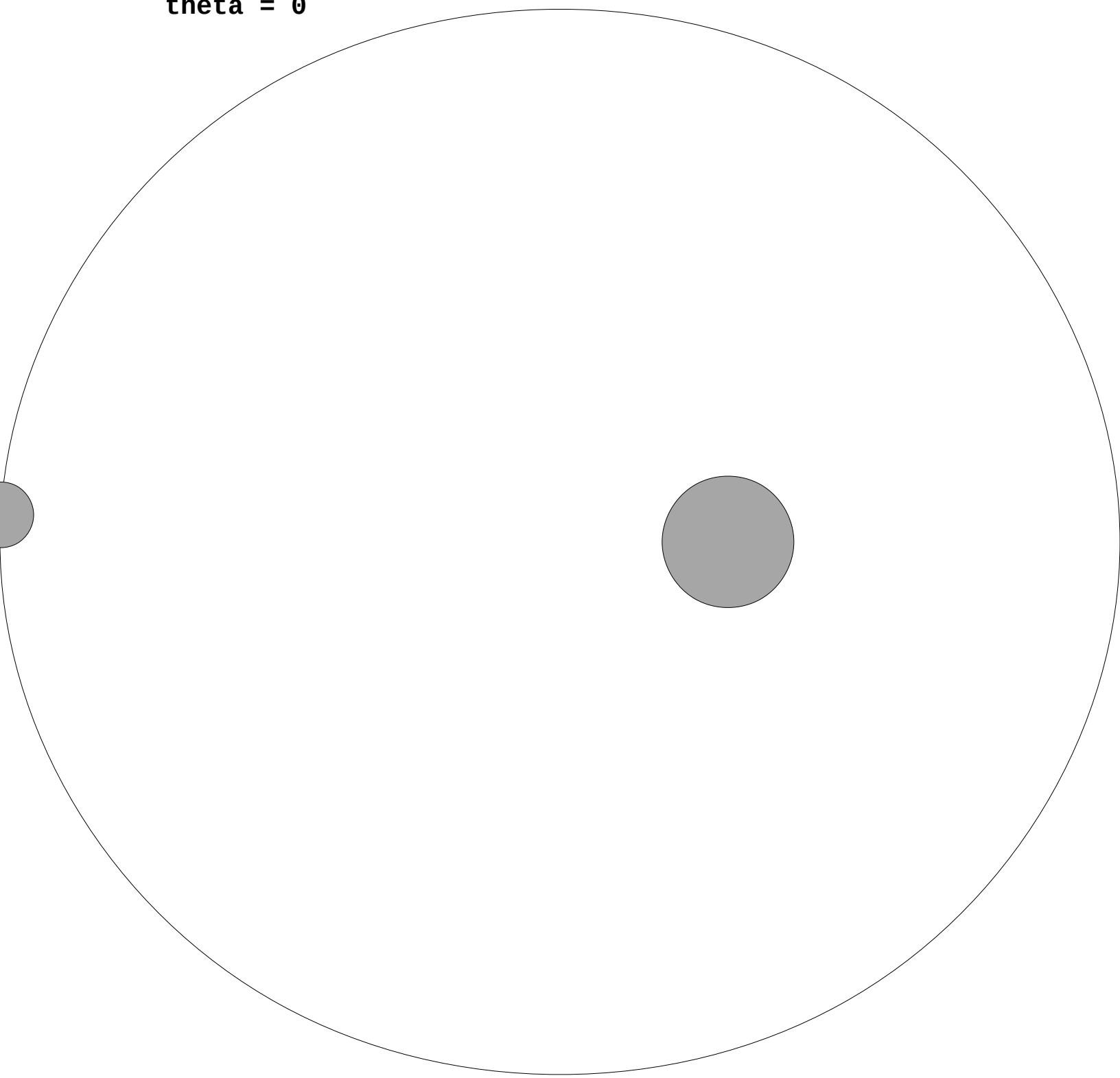
CURRENT PARAMETERS
a = 1.7
e = 0.3
day = 121.74
theta = 0



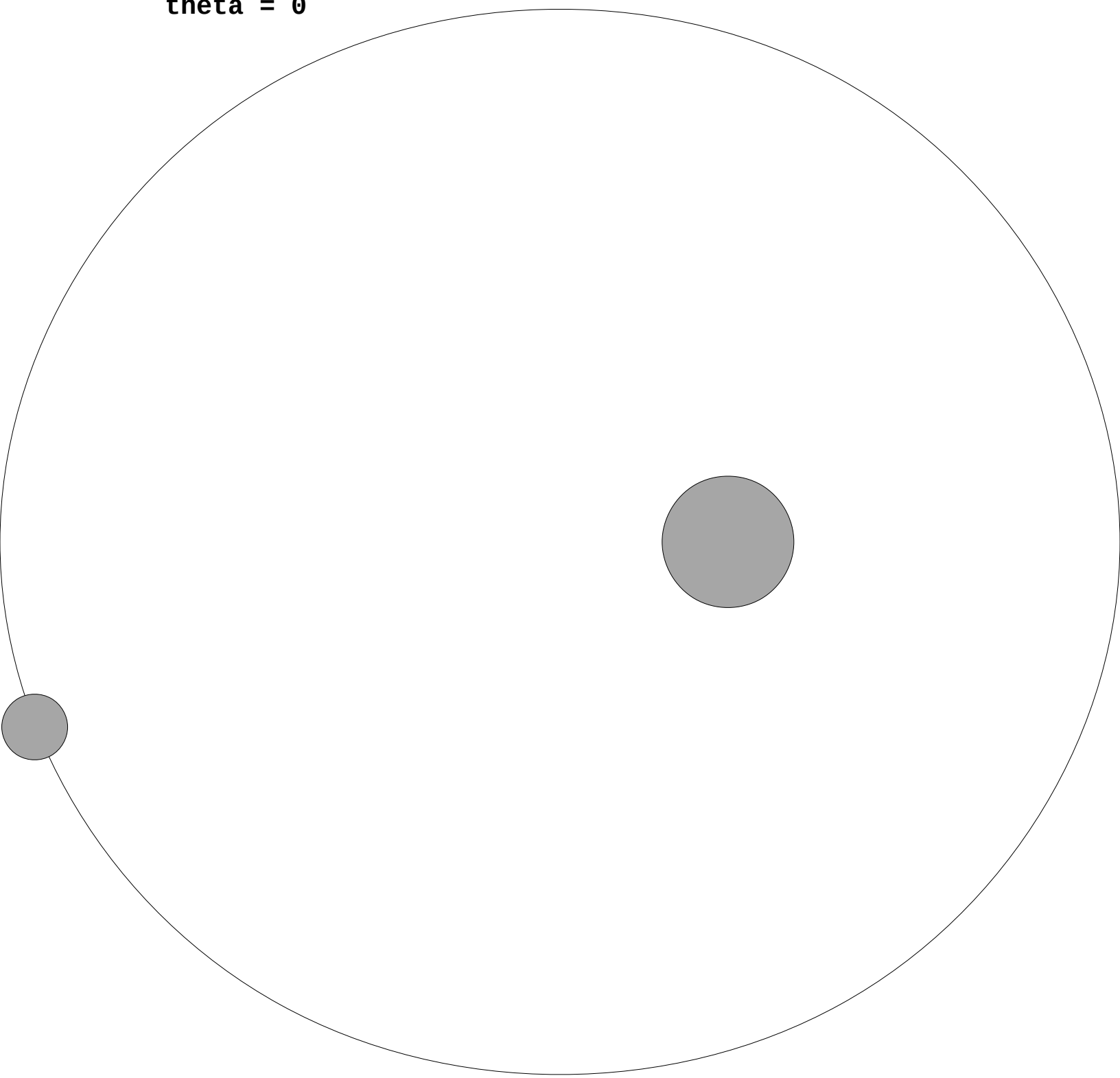
CURRENT PARAMETERS
a = 1.7
e = 0.3
day = 152.18
theta = 0



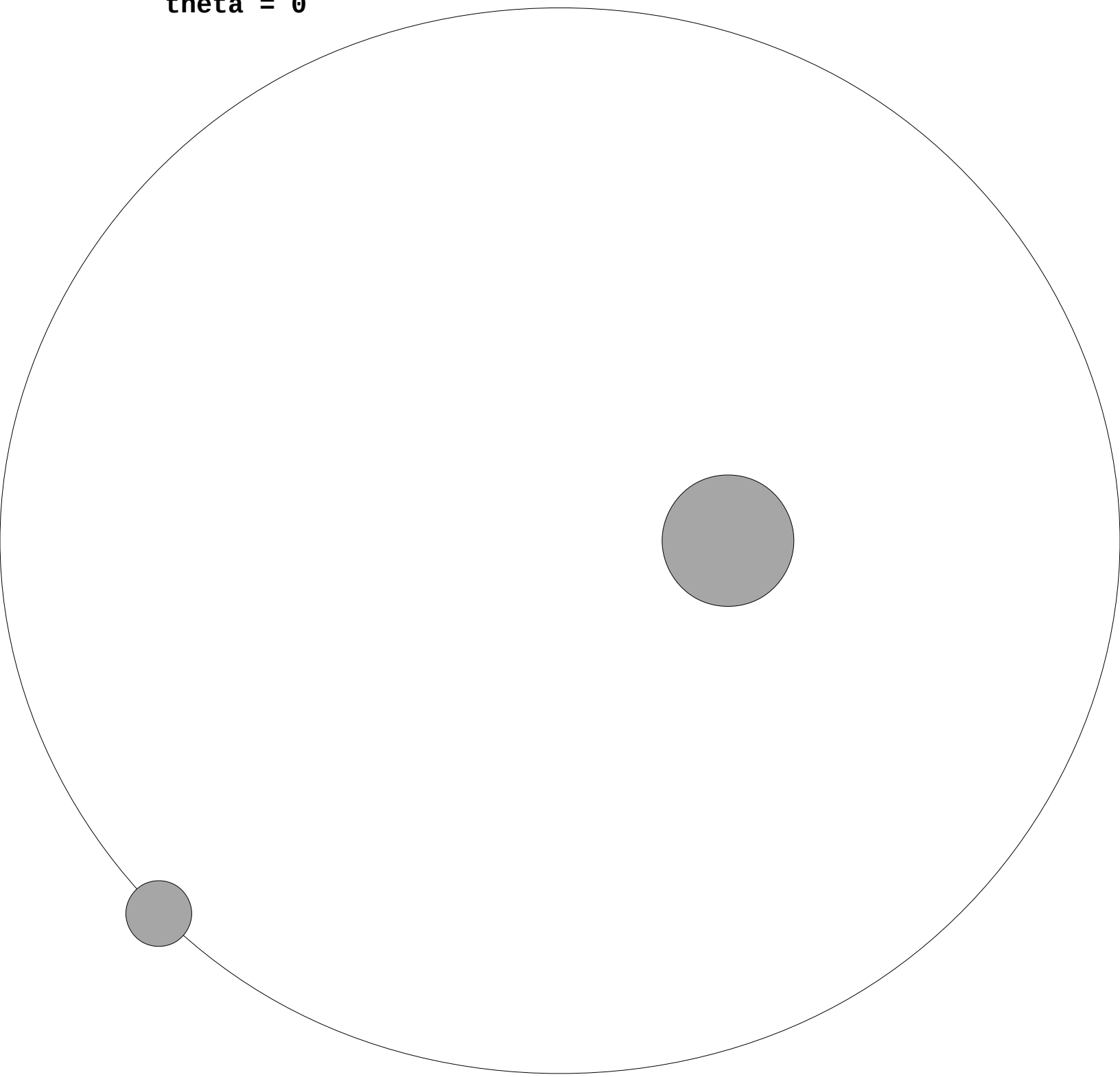
CURRENT PARAMETERS
a = 1.7
e = 0.3
day = 182.62
theta = 0



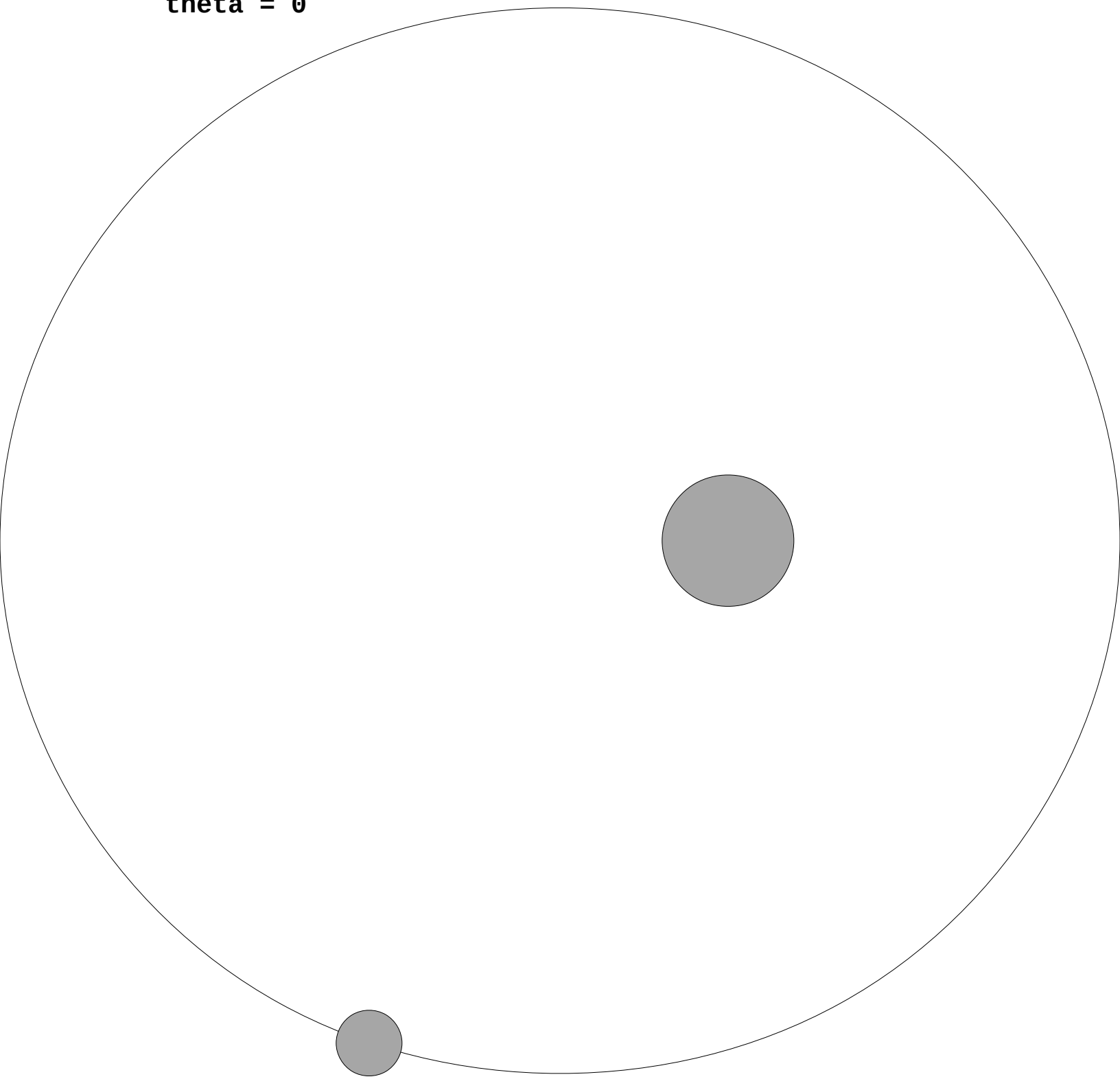
CURRENT PARAMETERS
a = 1.7
e = 0.3
day = 213.05
theta = 0



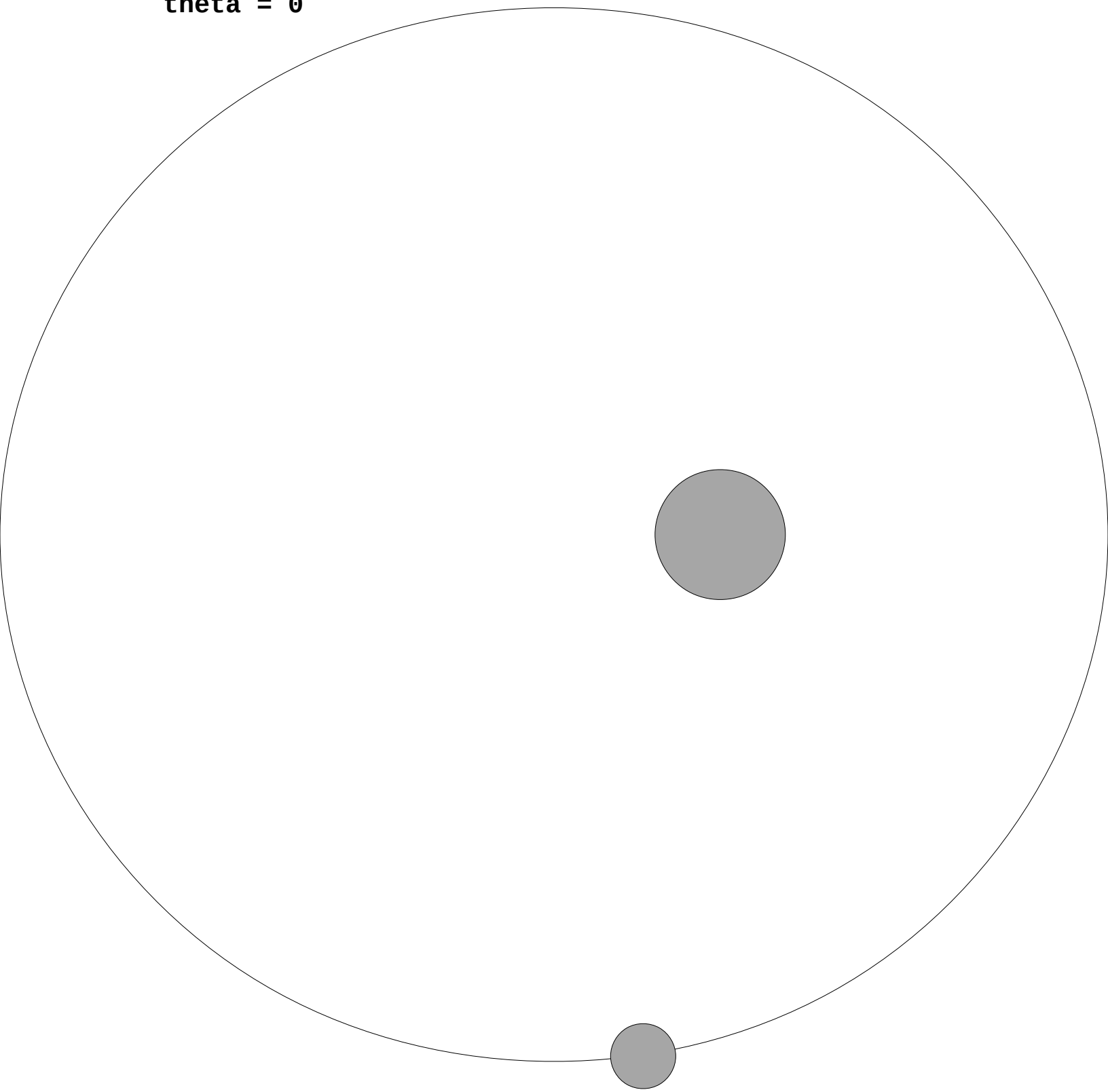
CURRENT PARAMETERS
a = 1.7
e = 0.3
day = 243.49
theta = 0



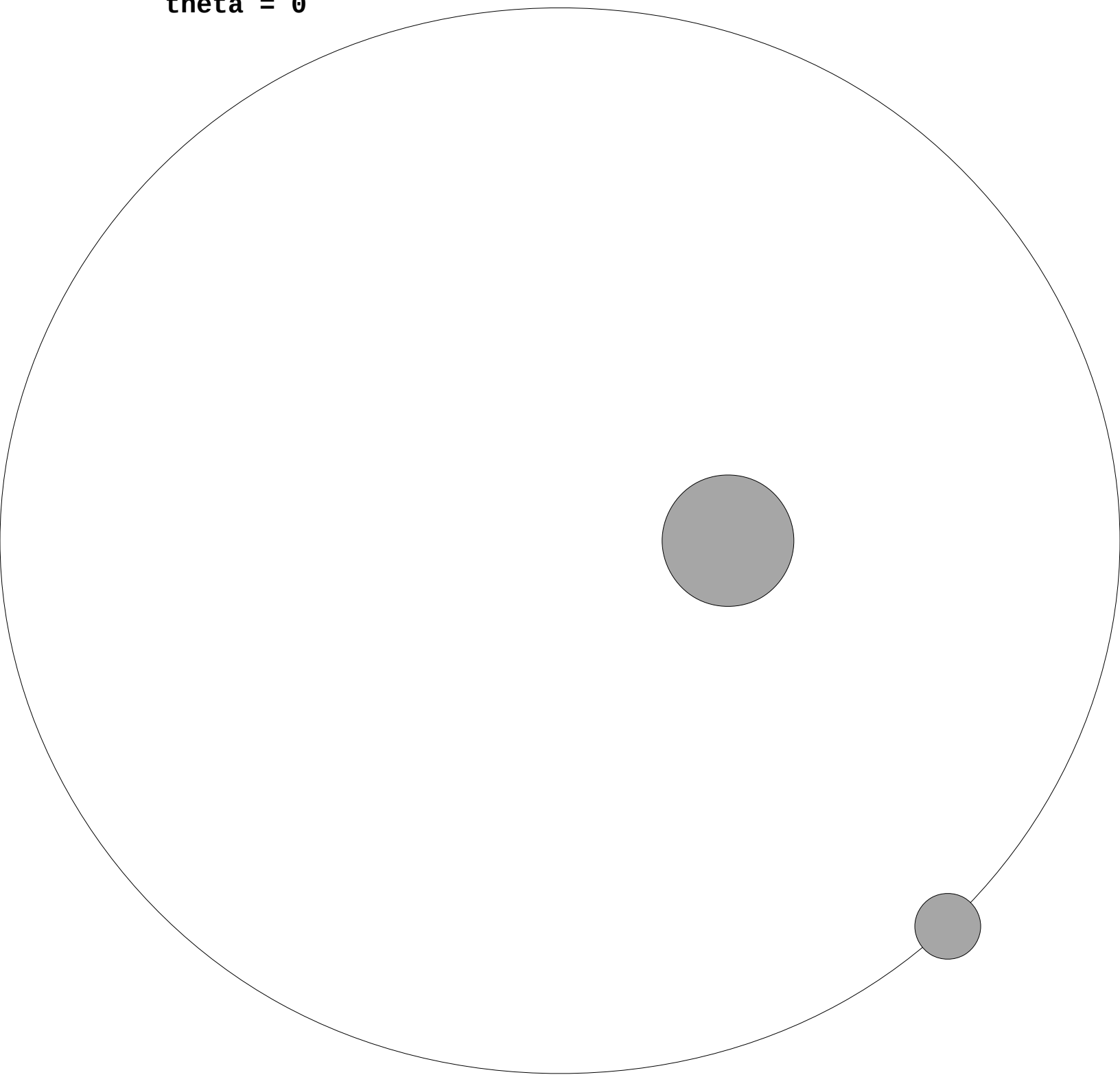
CURRENT PARAMETERS
a = 1.7
e = 0.3
day = 273.93
theta = 0



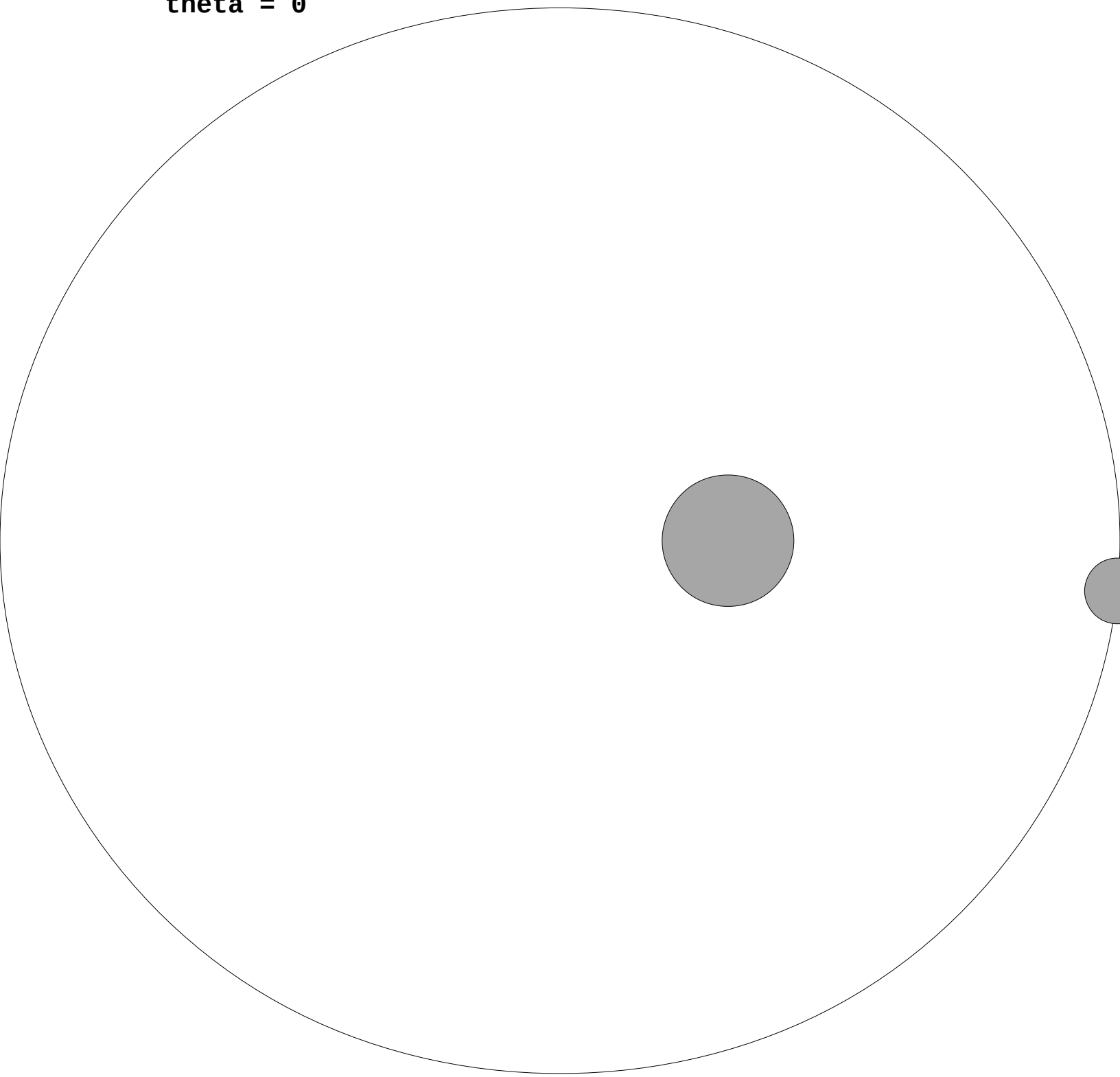
CURRENT PARAMETERS
a = 1.7
e = 0.3
day = 304.36
theta = 0



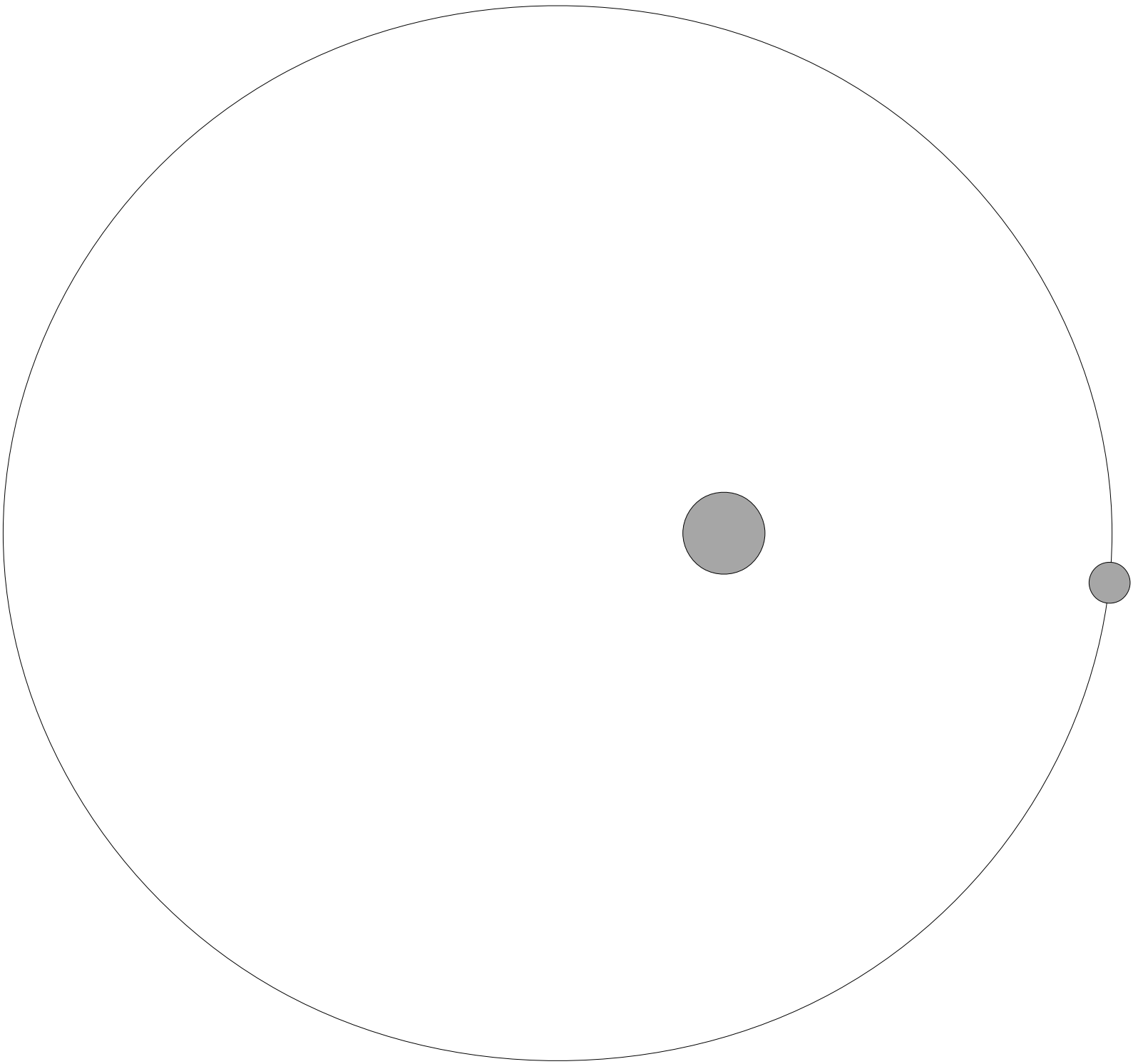
CURRENT PARAMETERS
a = 1.7
e = 0.3
day = 334.8
theta = 0



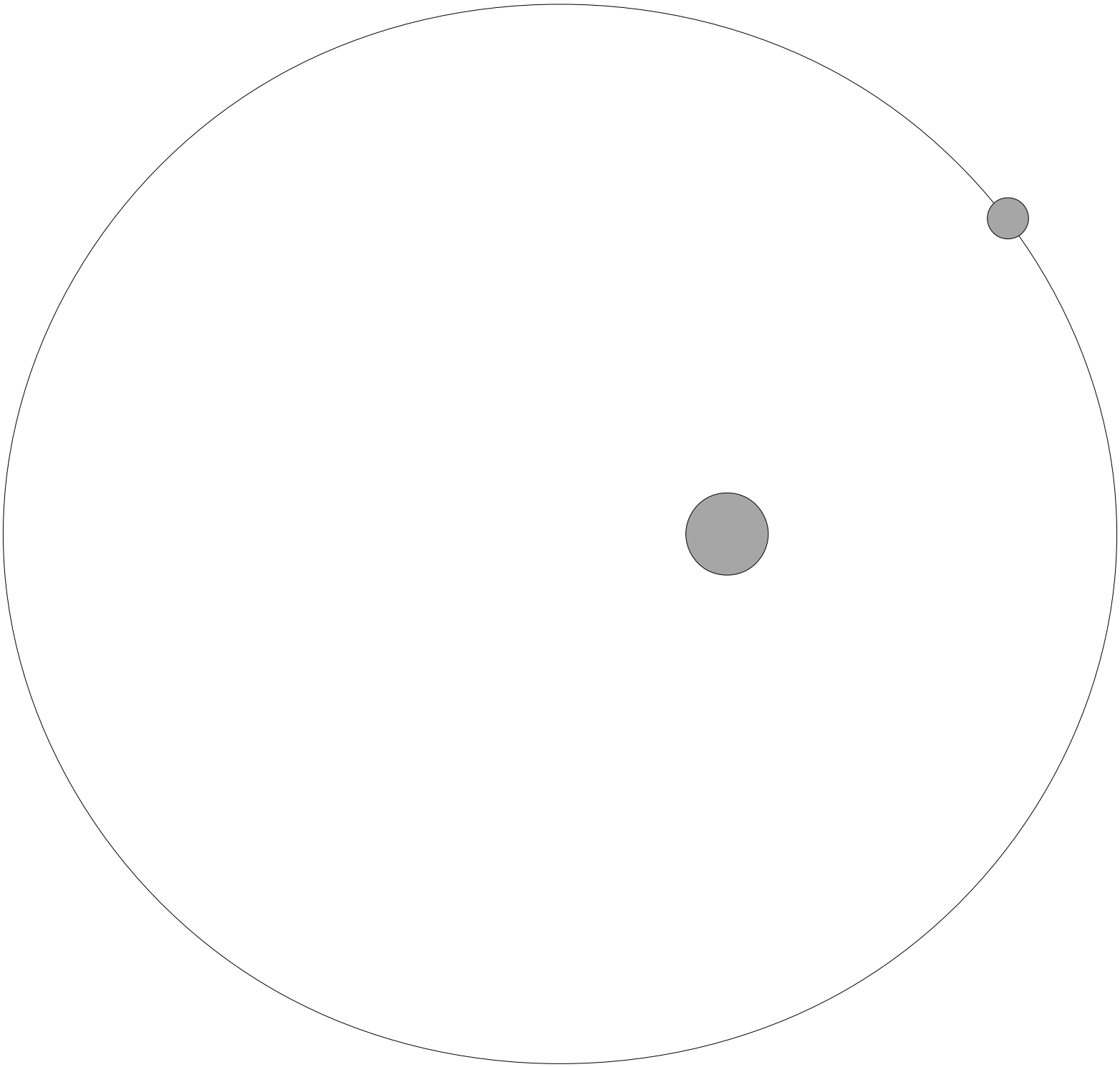
CURRENT PARAMETERS
a = 1.7
e = 0.3
day = 365.24
theta = 0



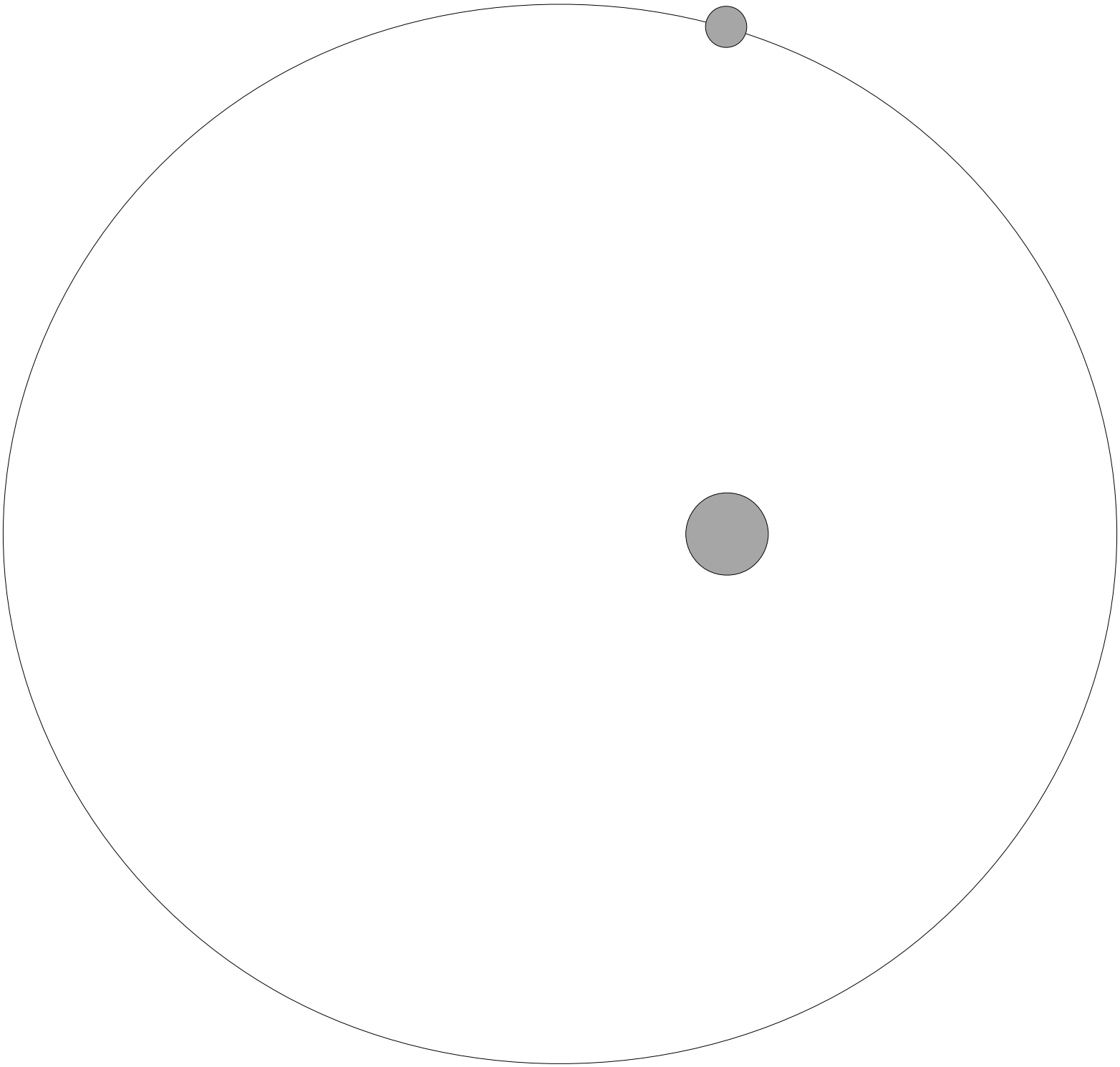
CURRENT PARAMETERS
a = 2.7
e = 0.3
day = 0.0
theta = 0



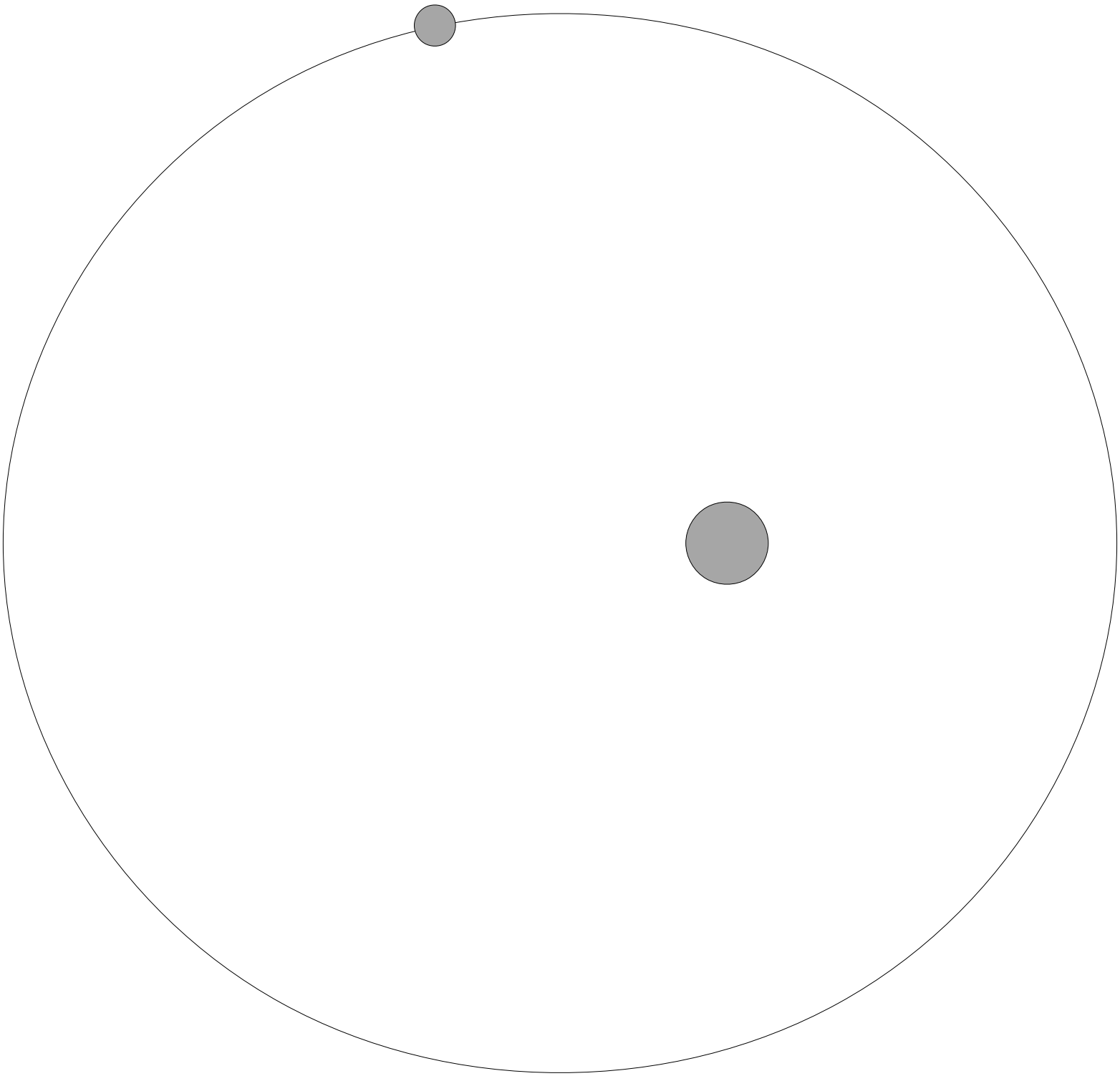
CURRENT PARAMETERS
a = 2.7
e = 0.3
day = 30.43
theta = 0



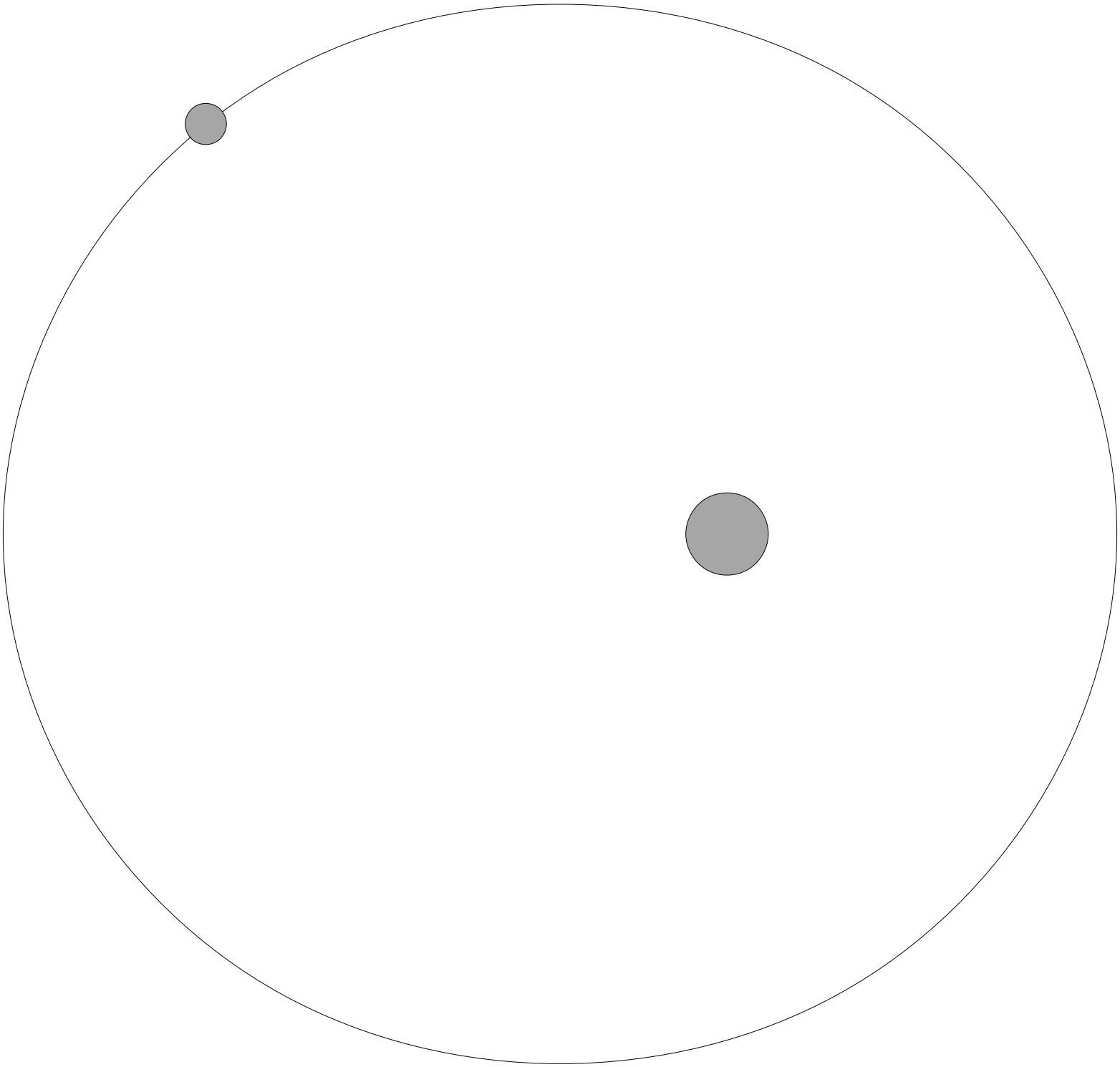
CURRENT PARAMETERS
a = 2.7
e = 0.3
day = 60.87
theta = 0



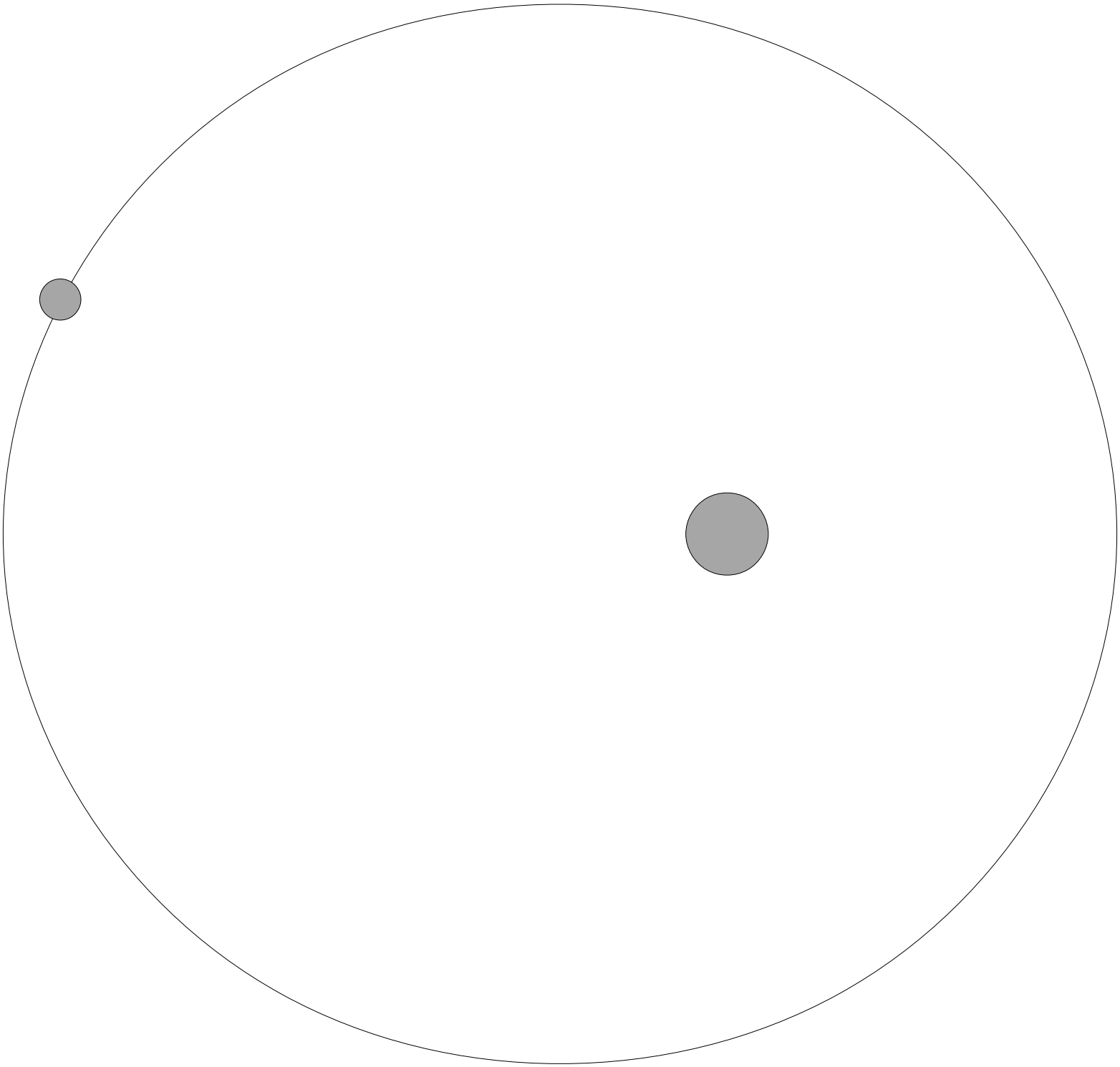
CURRENT PARAMETERS
a = 2.7
e = 0.3
day = 91.31
theta = 0



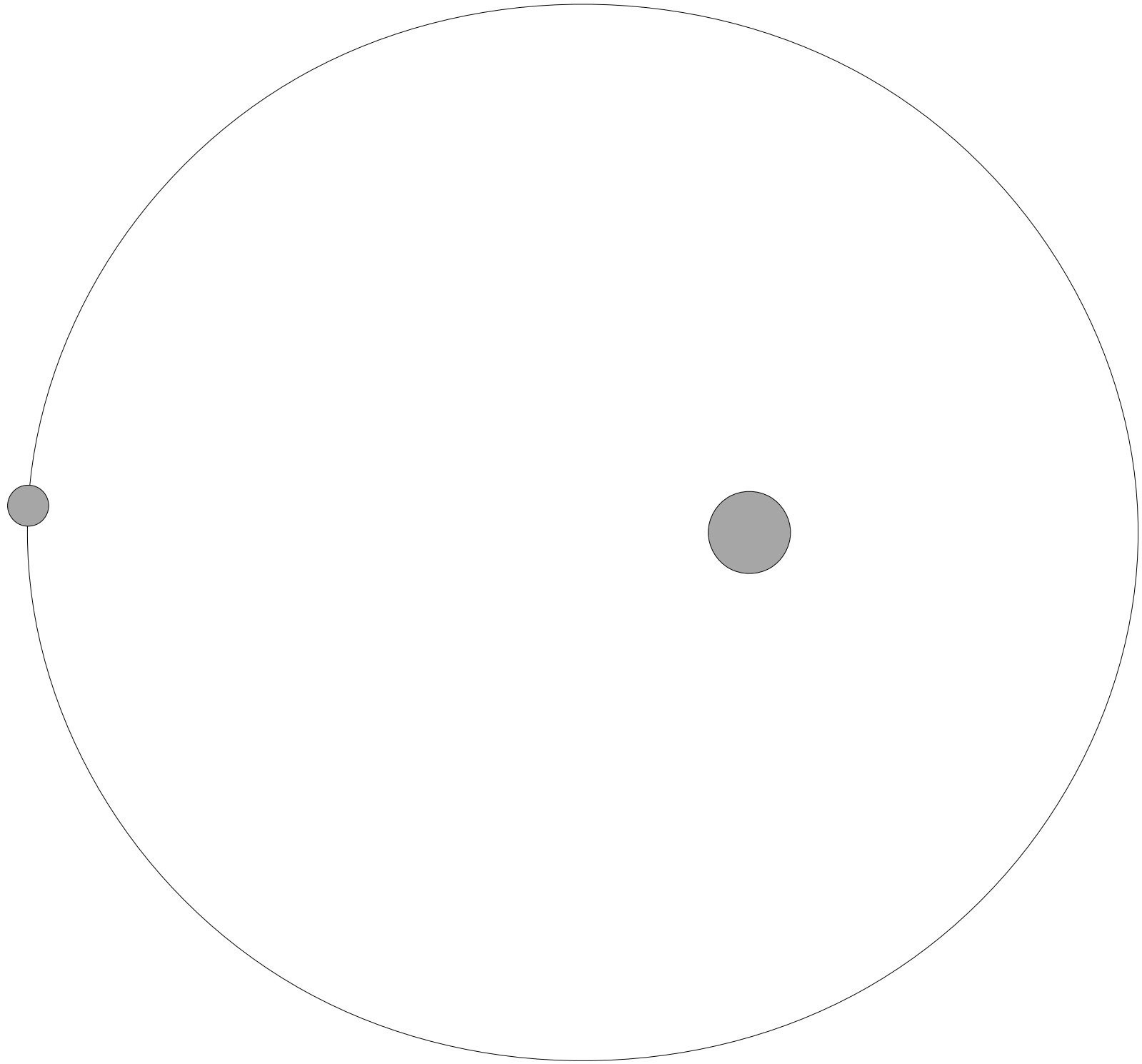
CURRENT PARAMETERS
a = 2.7
e = 0.3
day = 121.74
theta = 0



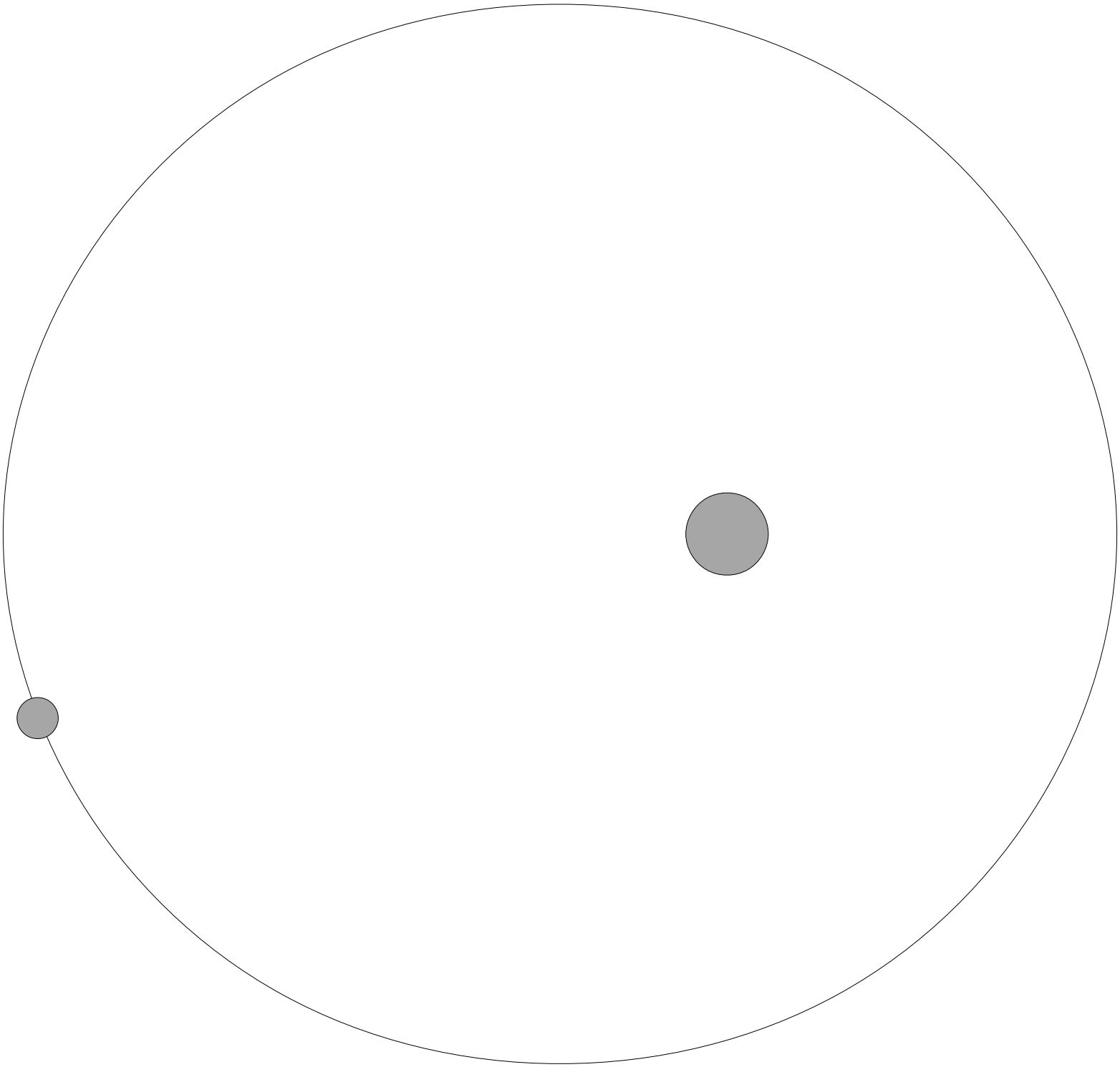
CURRENT PARAMETERS
a = 2.7
e = 0.3
day = 152.18
theta = 0



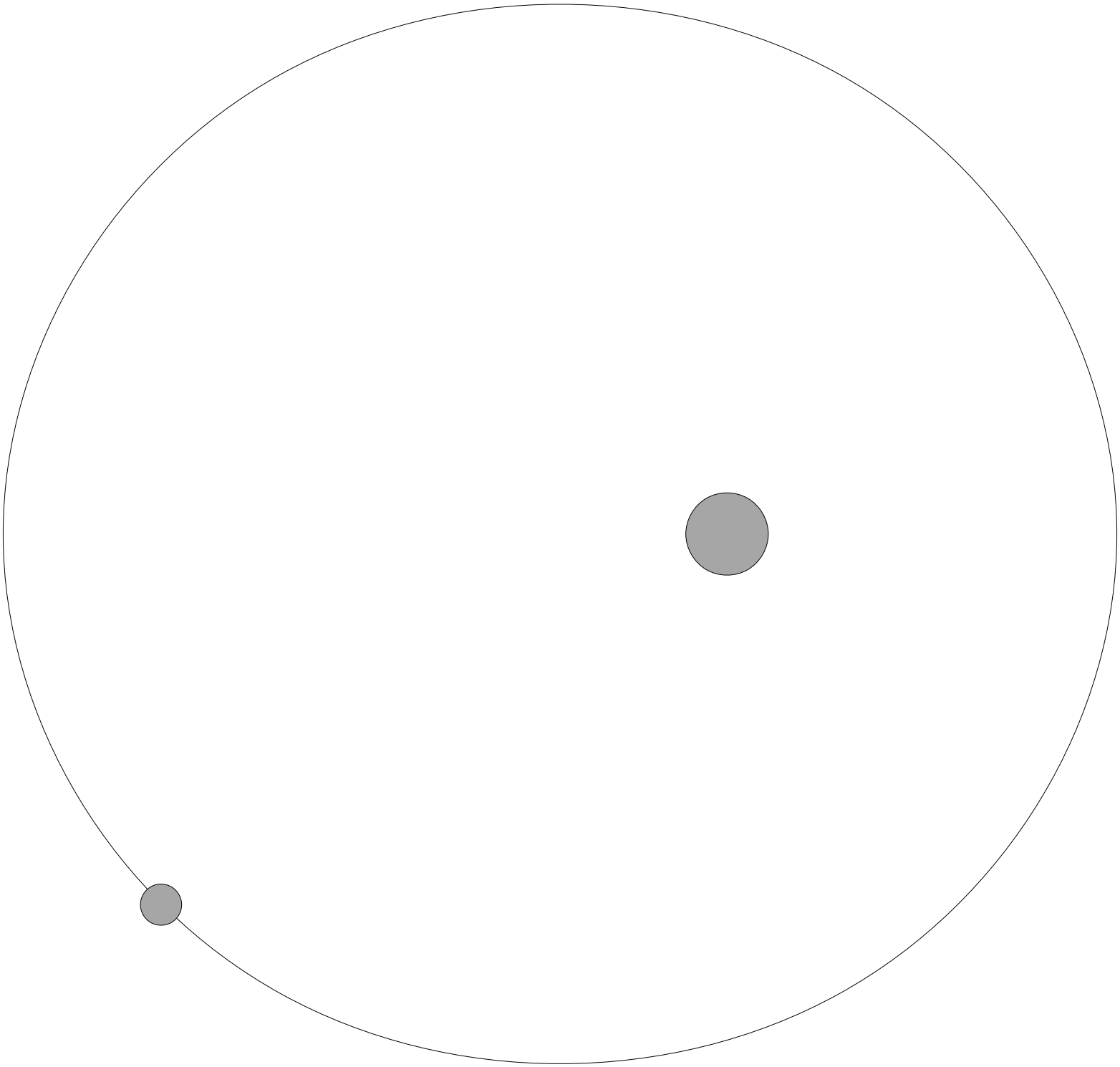
CURRENT PARAMETERS
a = 2.7
e = 0.3
day = 182.62
theta = 0



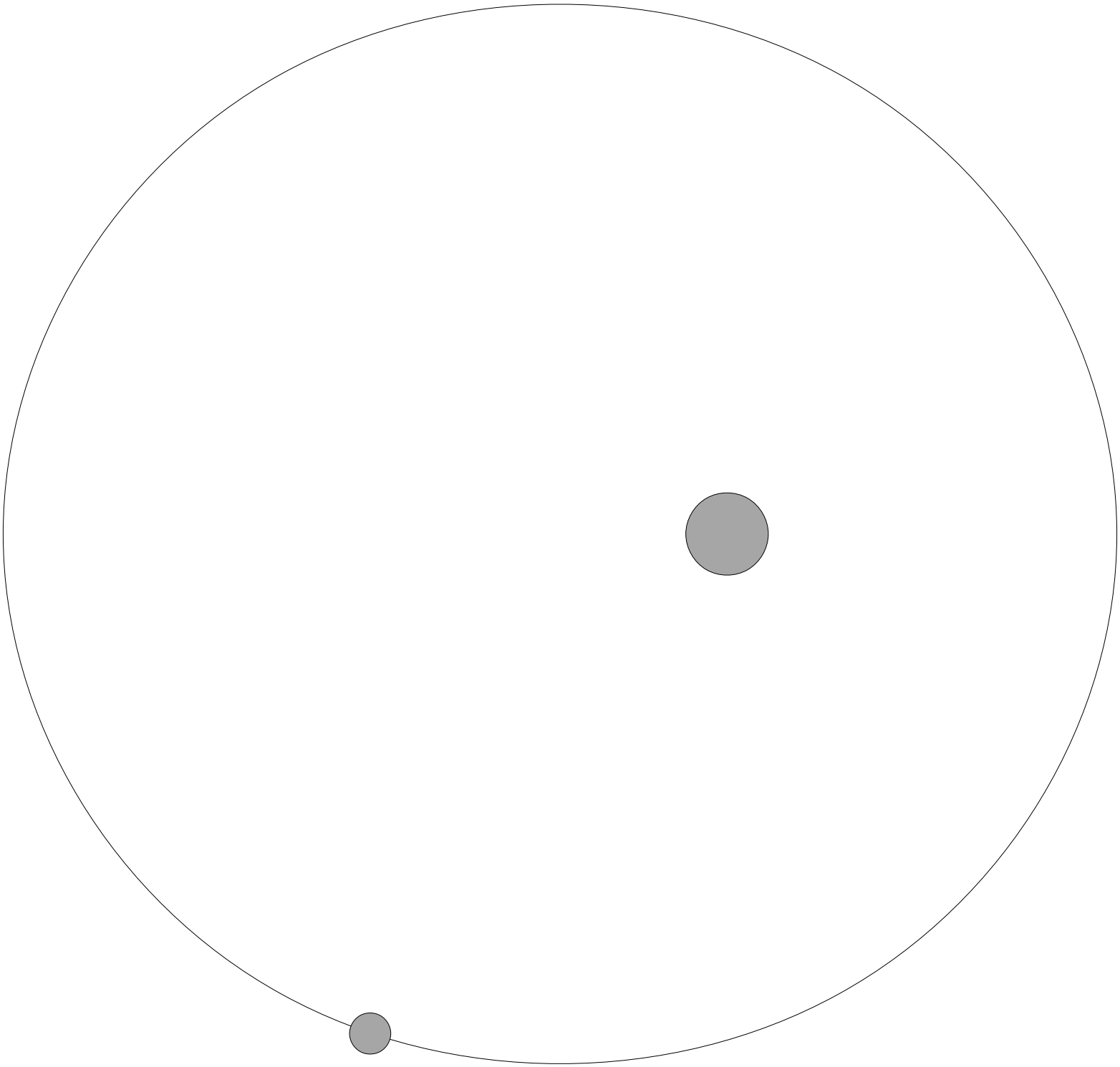
CURRENT PARAMETERS
a = 2.7
e = 0.3
day = 213.05
theta = 0



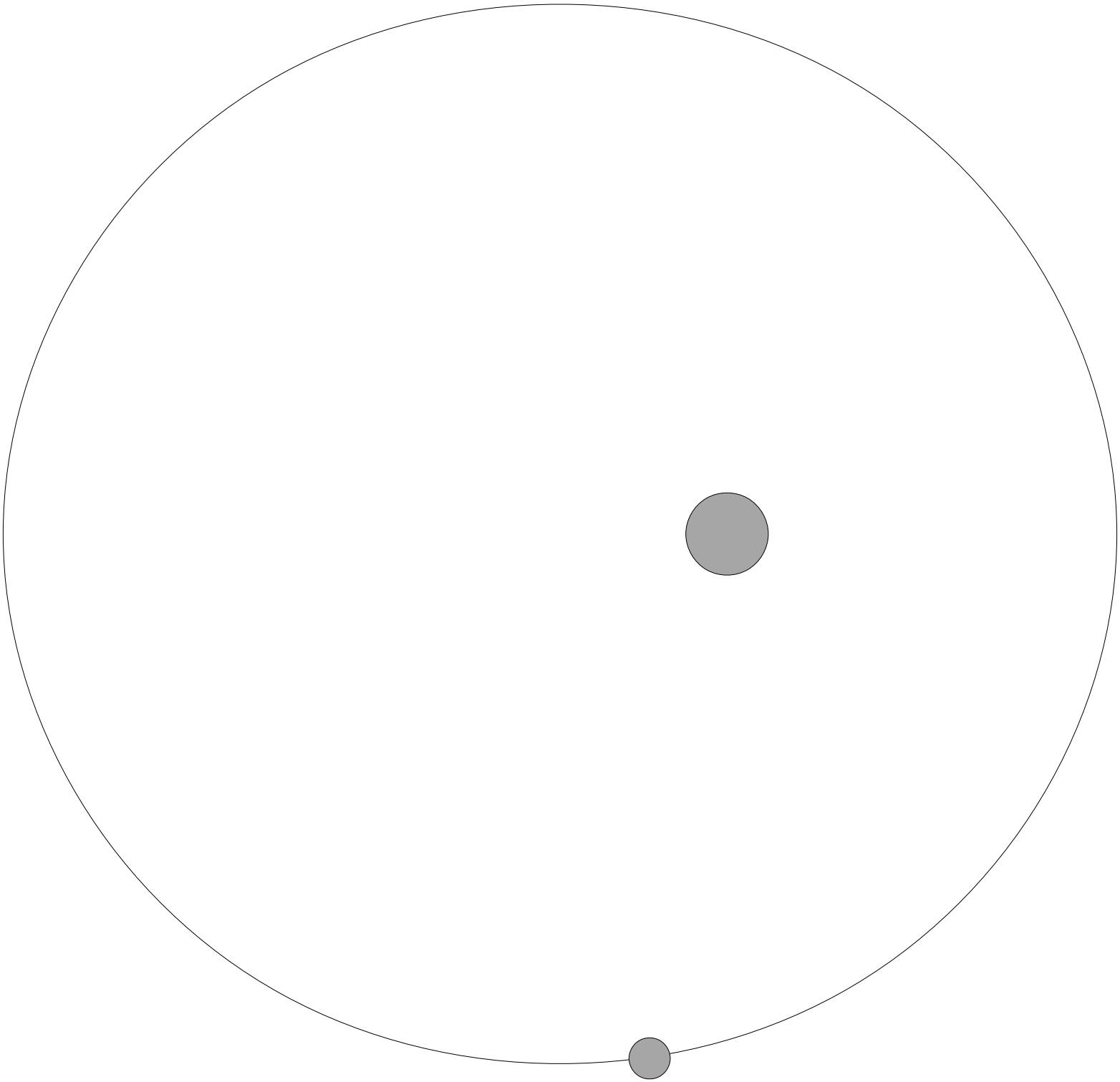
CURRENT PARAMETERS
a = 2.7
e = 0.3
day = 243.49
theta = 0



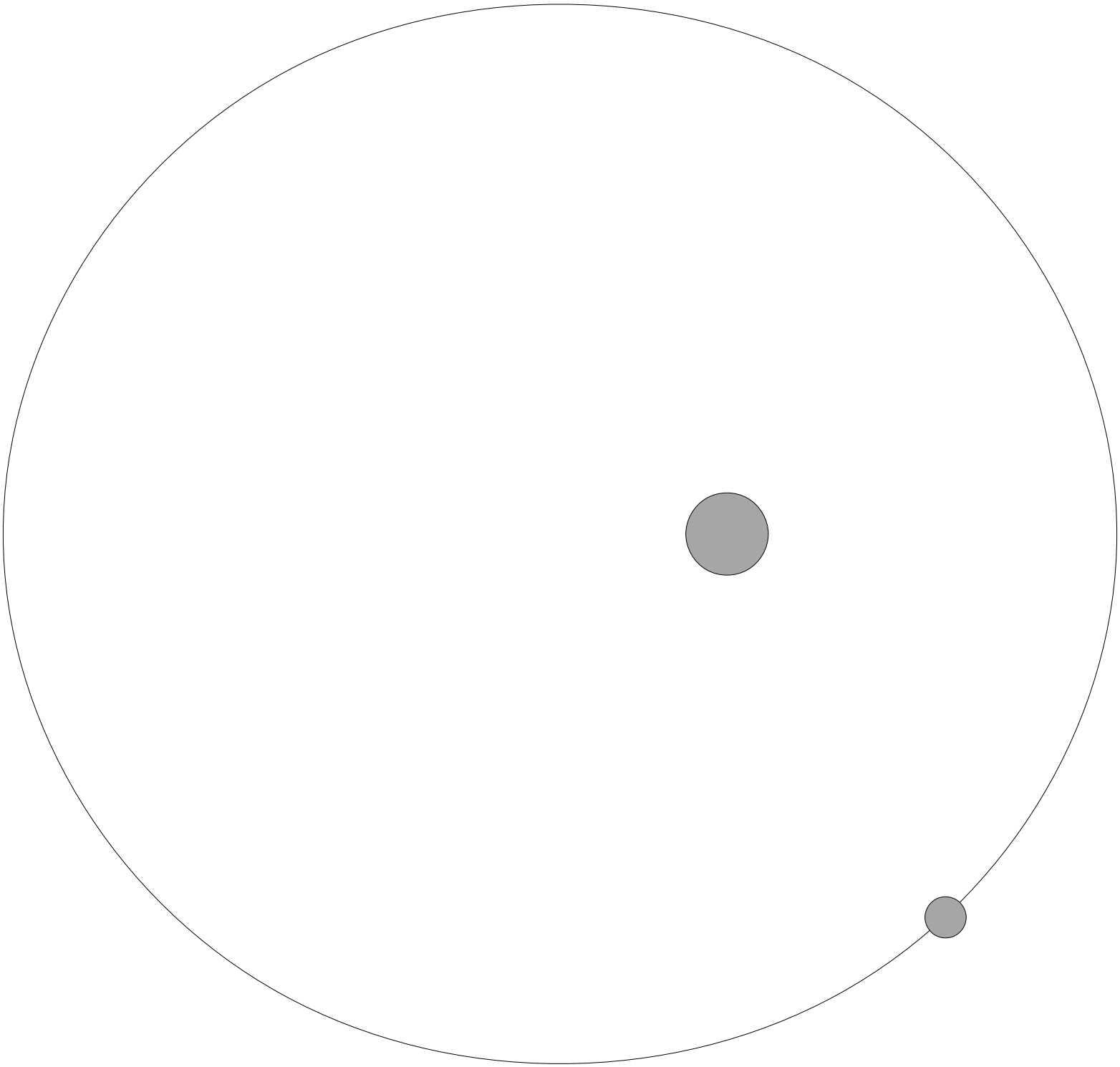
CURRENT PARAMETERS
a = 2.7
e = 0.3
day = 273.93
theta = 0



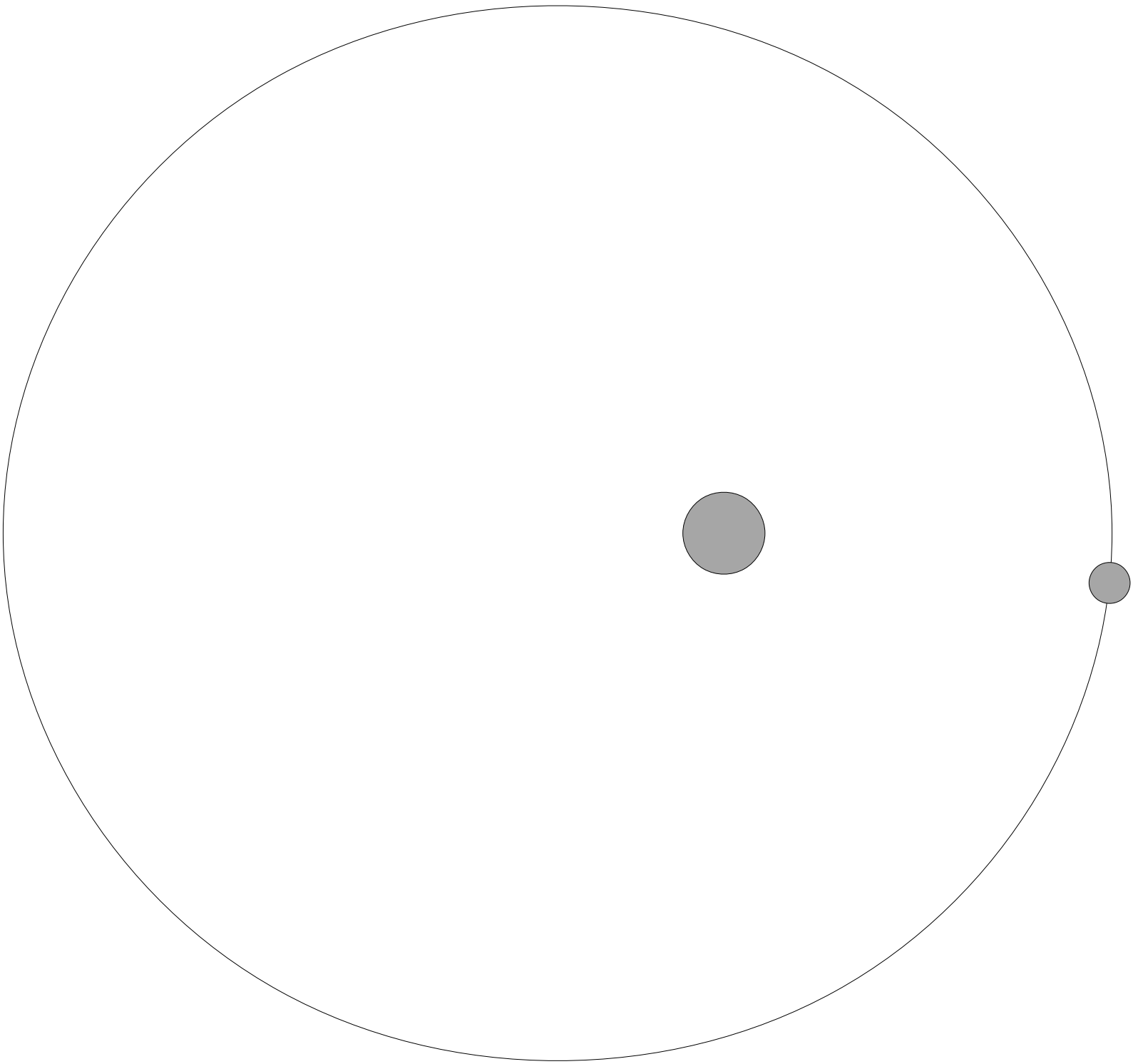
CURRENT PARAMETERS
a = 2.7
e = 0.3
day = 304.36
theta = 0



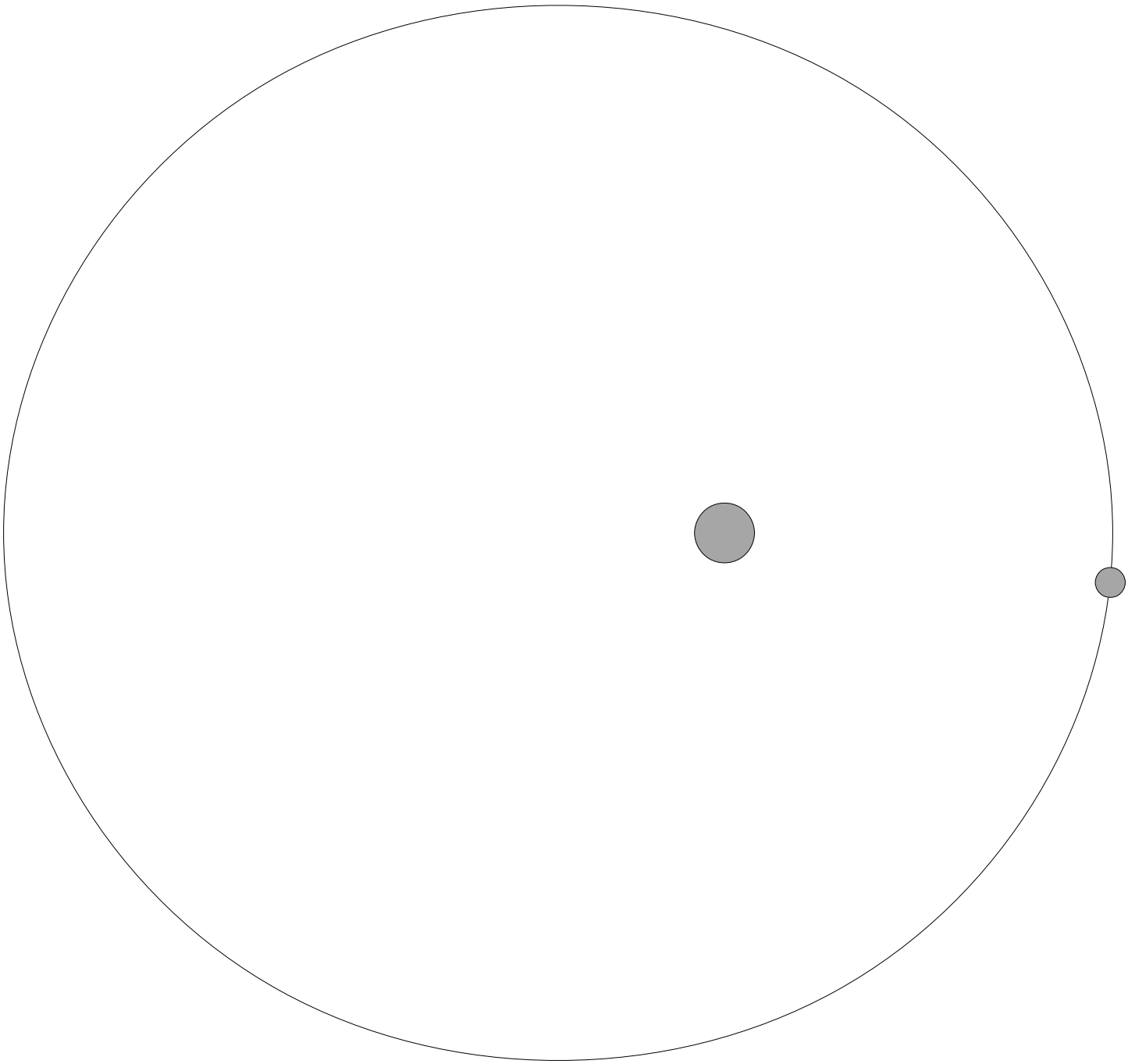
CURRENT PARAMETERS
a = 2.7
e = 0.3
day = 334.8
theta = 0



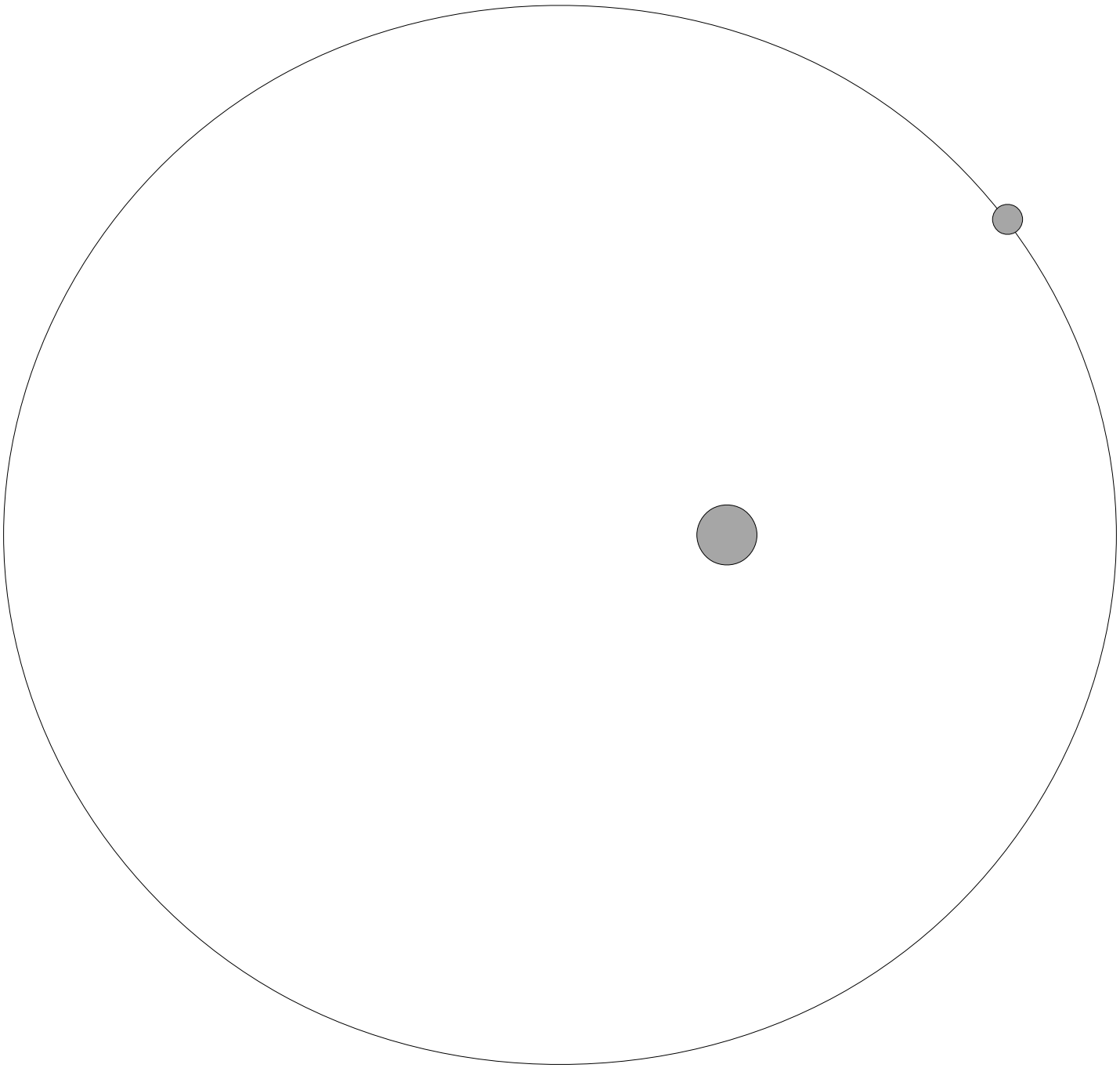
CURRENT PARAMETERS
a = 2.7
e = 0.3
day = 365.24
theta = 0



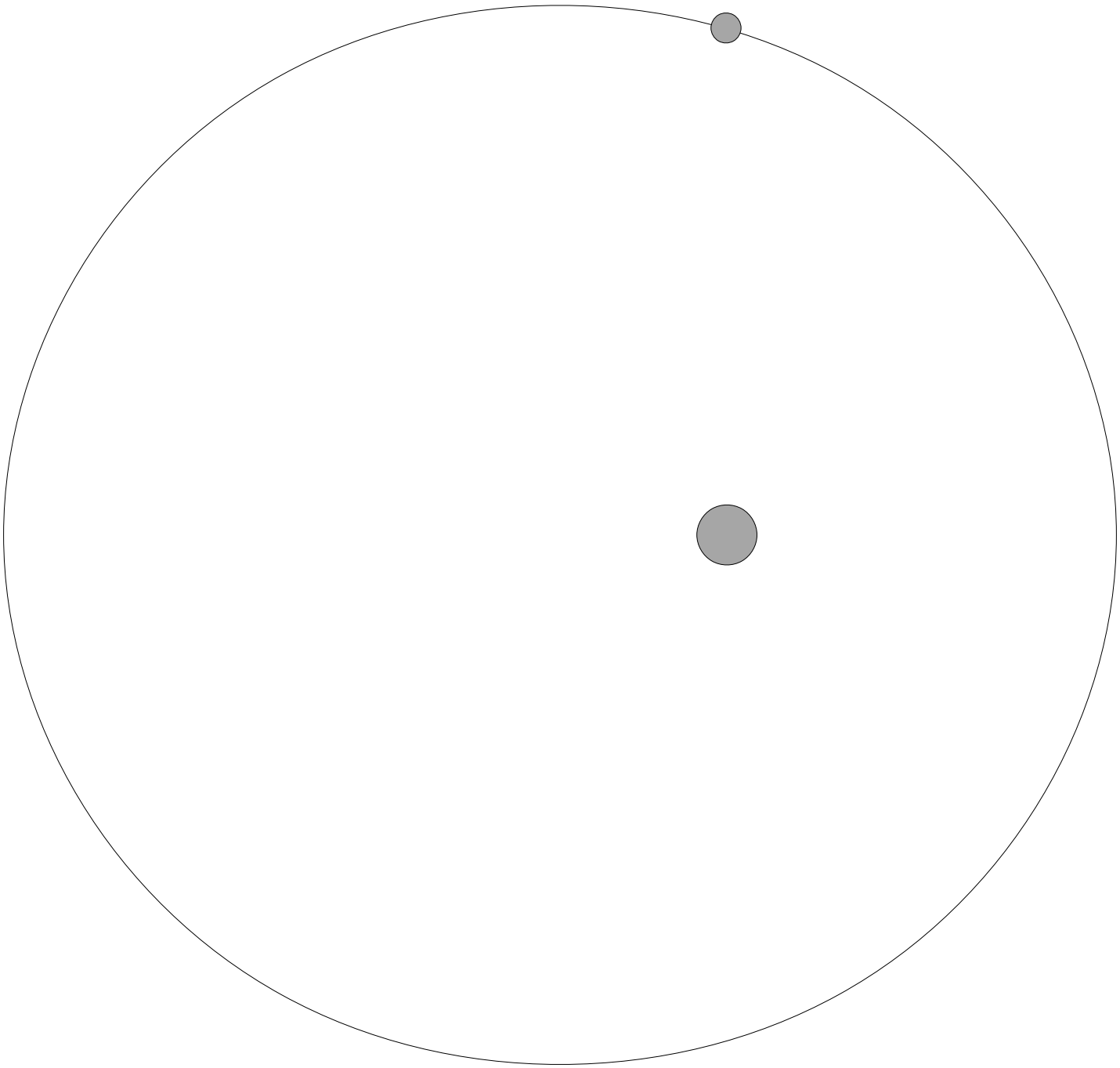
CURRENT PARAMETERS
a = 3.7
e = 0.3
day = 0.0
theta = 0



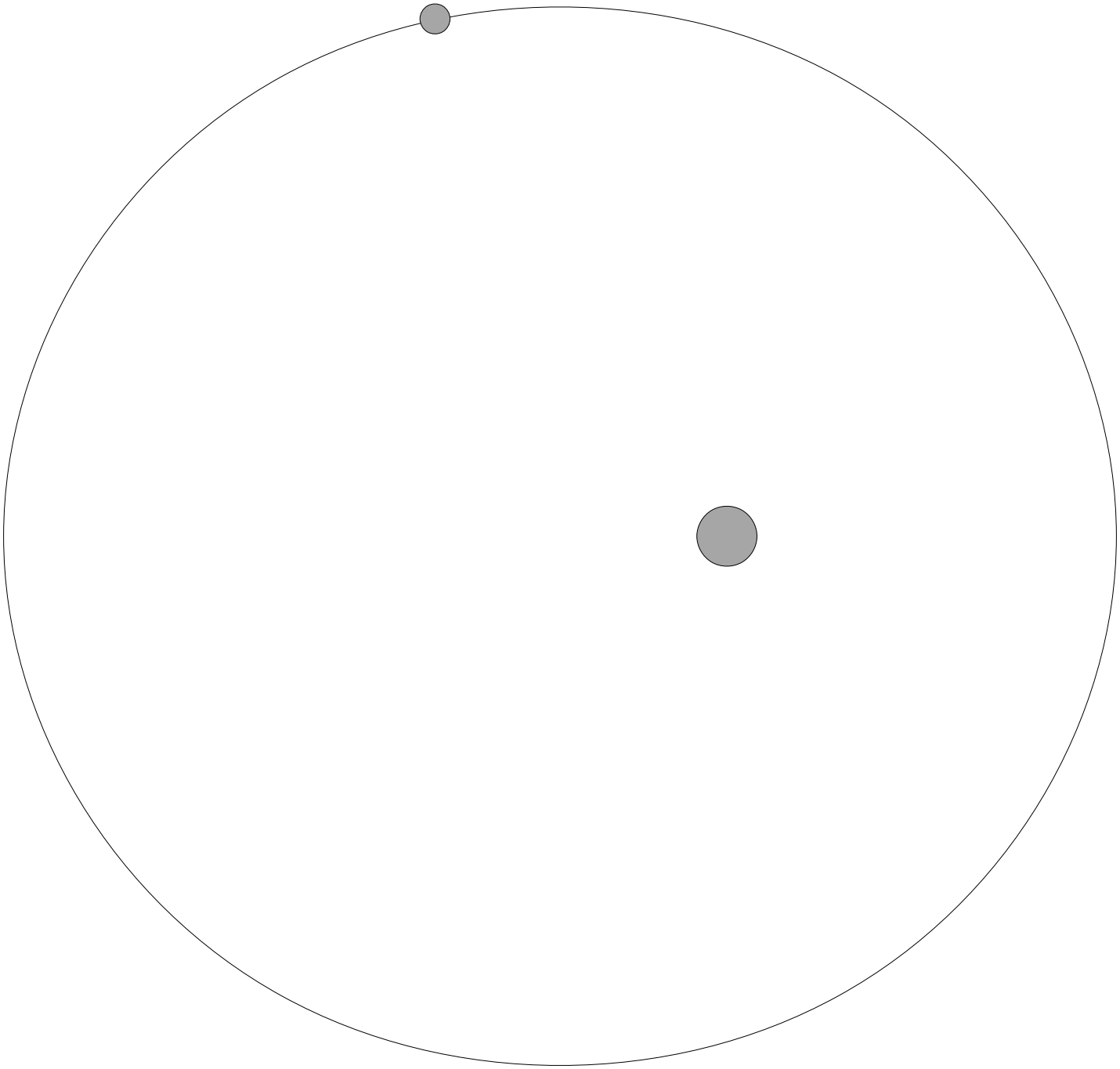
CURRENT PARAMETERS
a = 3.7
e = 0.3
day = 30.43
theta = 0



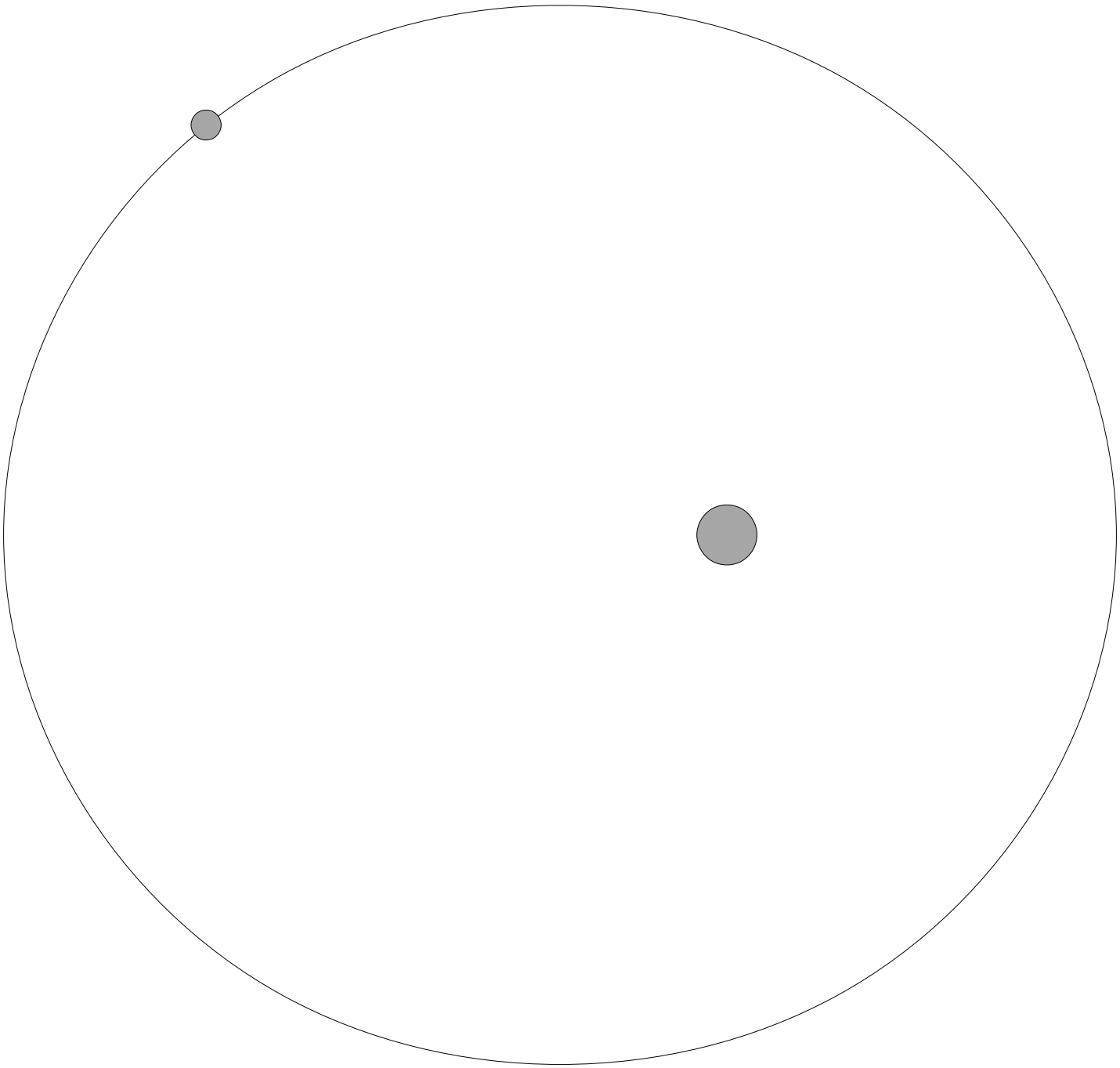
CURRENT PARAMETERS
a = 3.7
e = 0.3
day = 60.87
theta = 0



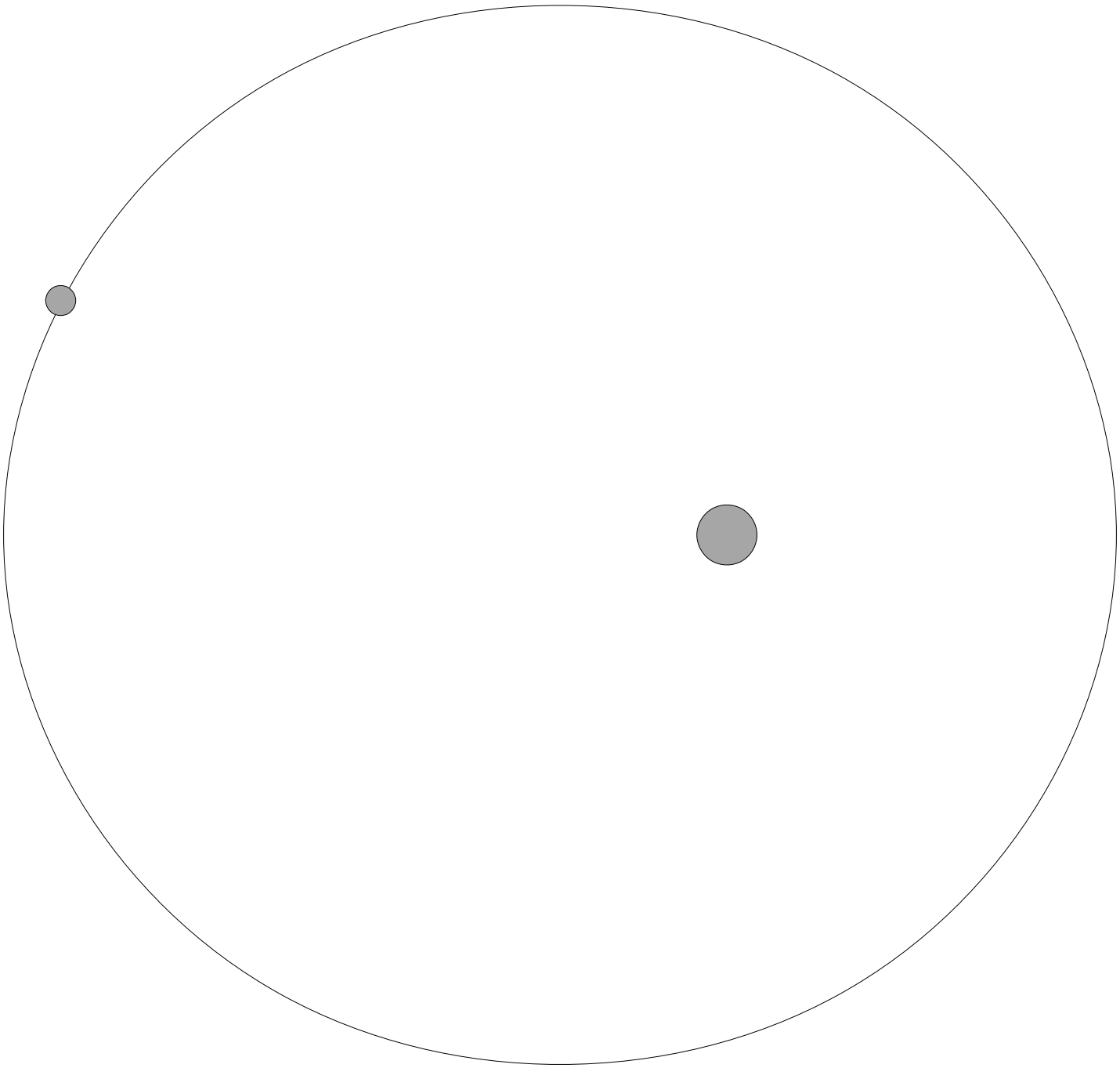
CURRENT PARAMETERS
a = 3.7
e = 0.3
day = 91.31
theta = 0



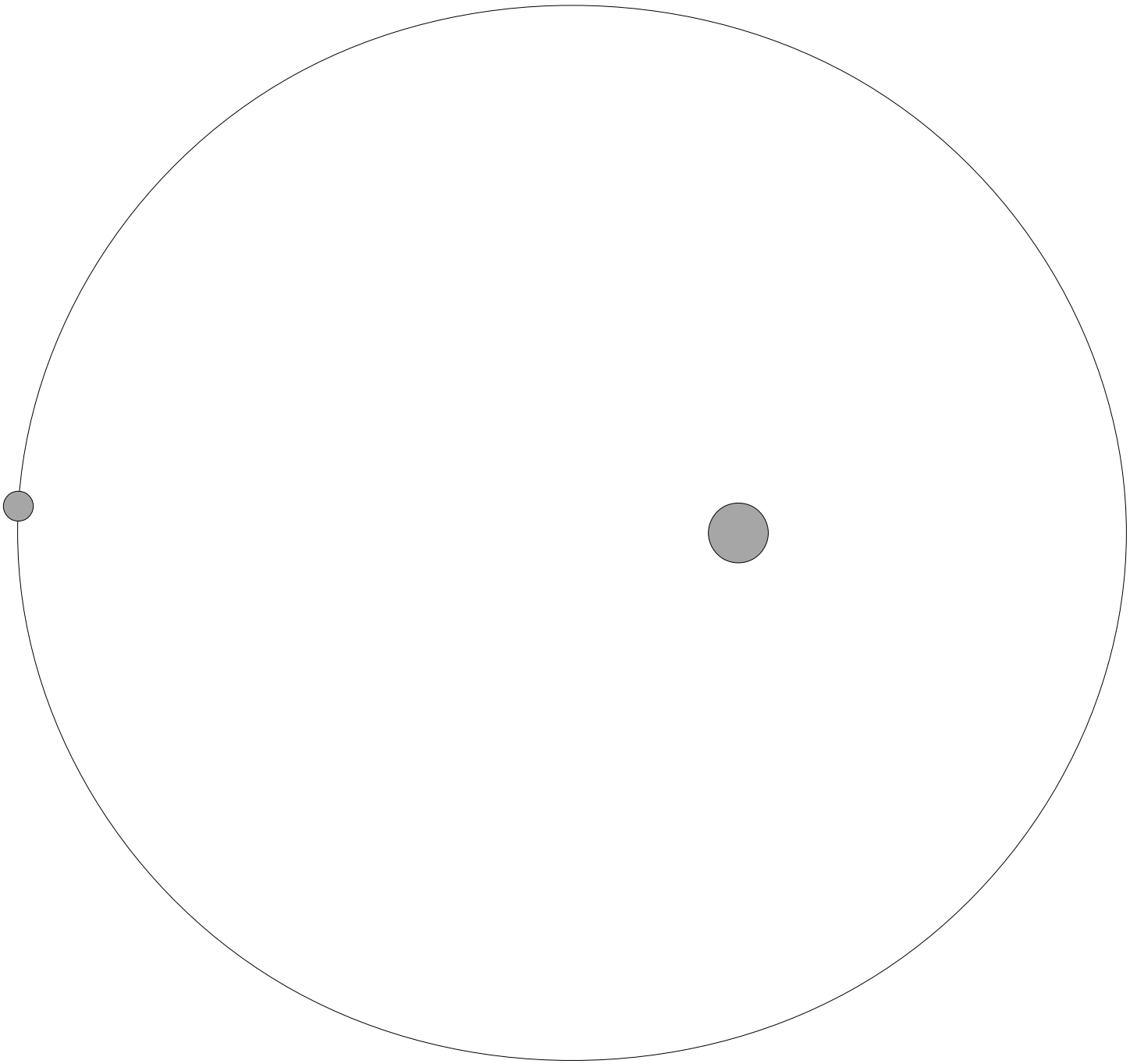
CURRENT PARAMETERS
a = 3.7
e = 0.3
day = 121.74
theta = 0



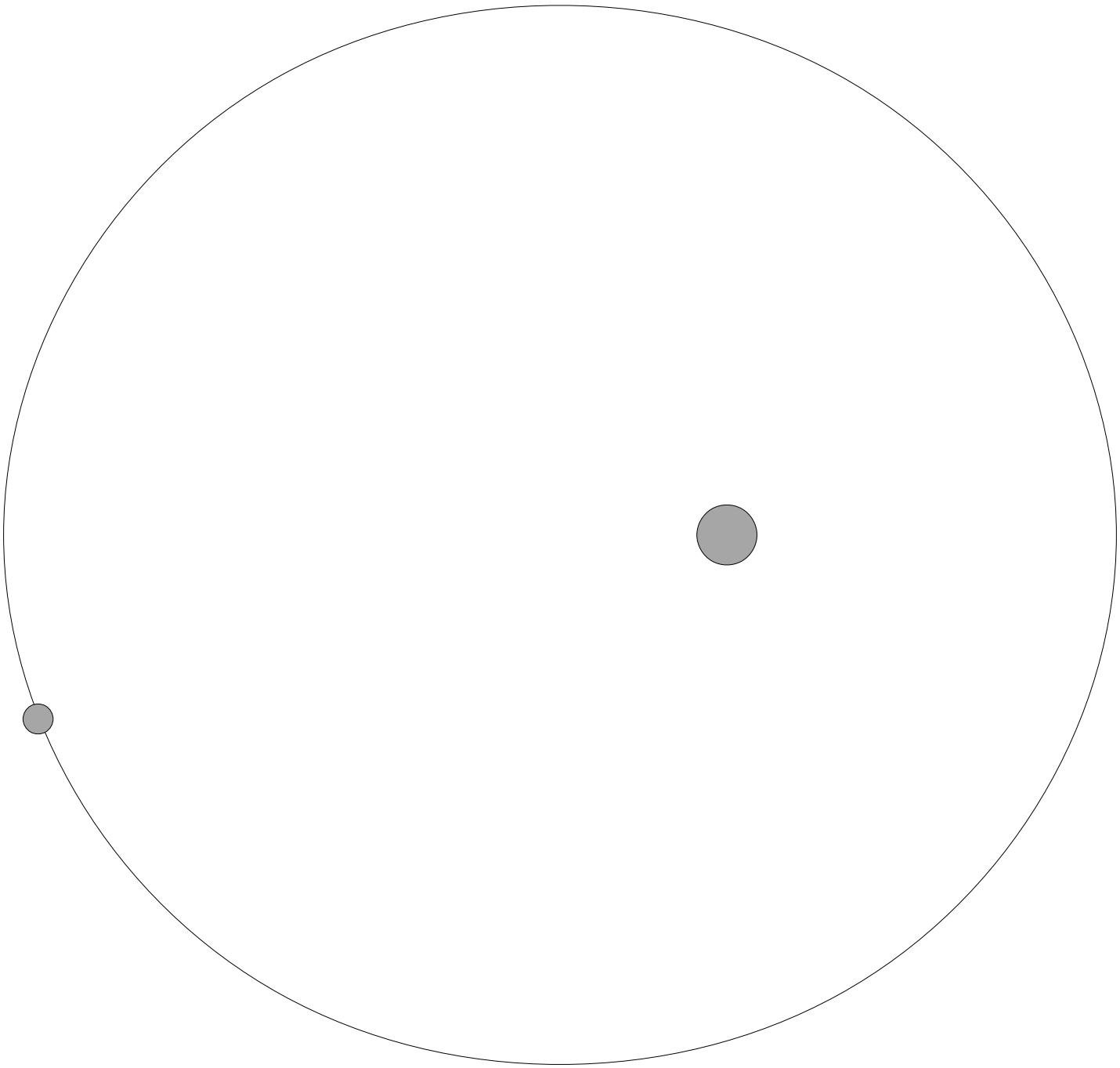
CURRENT PARAMETERS
a = 3.7
e = 0.3
day = 152.18
theta = 0



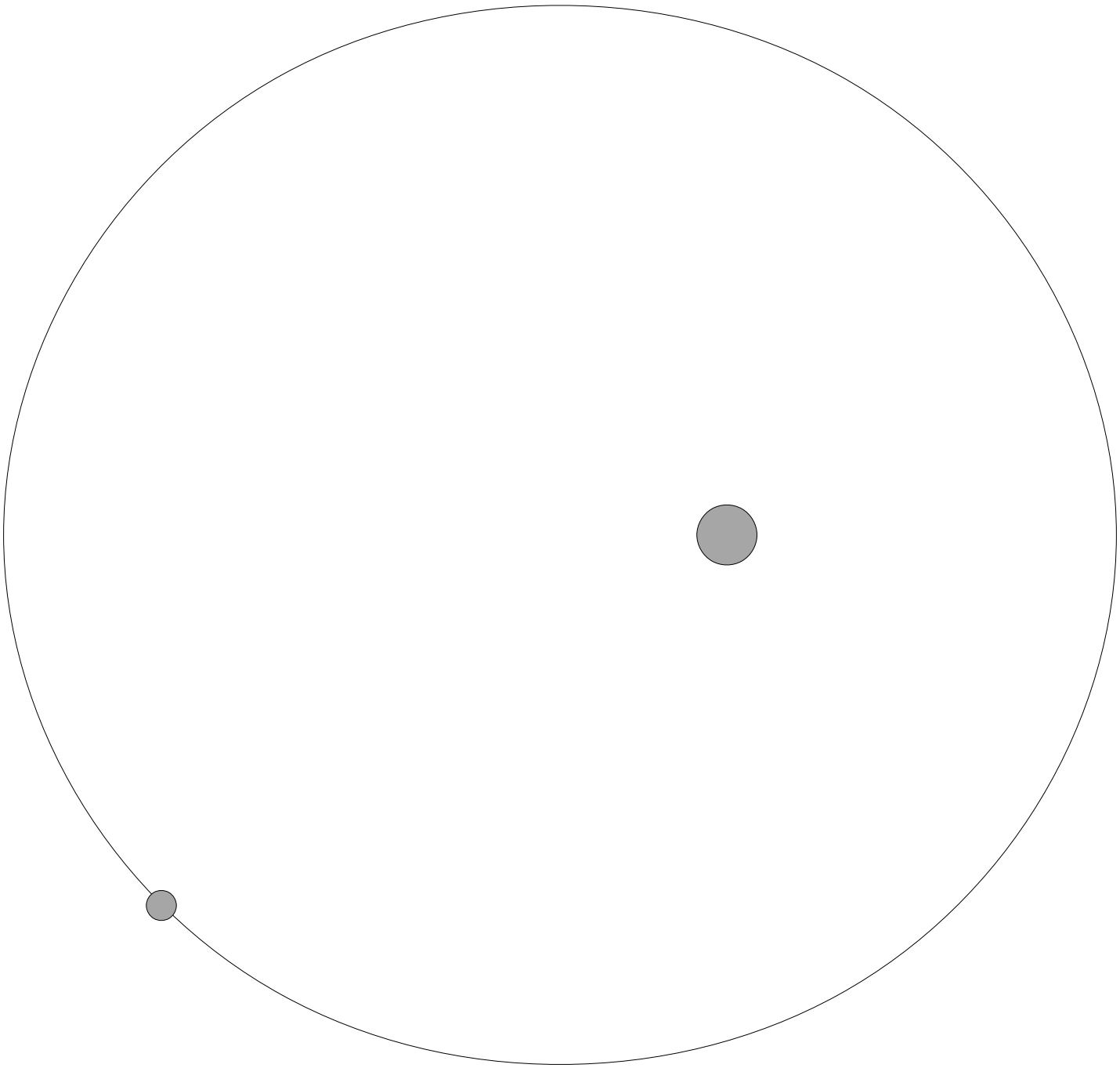
CURRENT PARAMETERS
a = 3.7
e = 0.3
day = 182.62
theta = 0



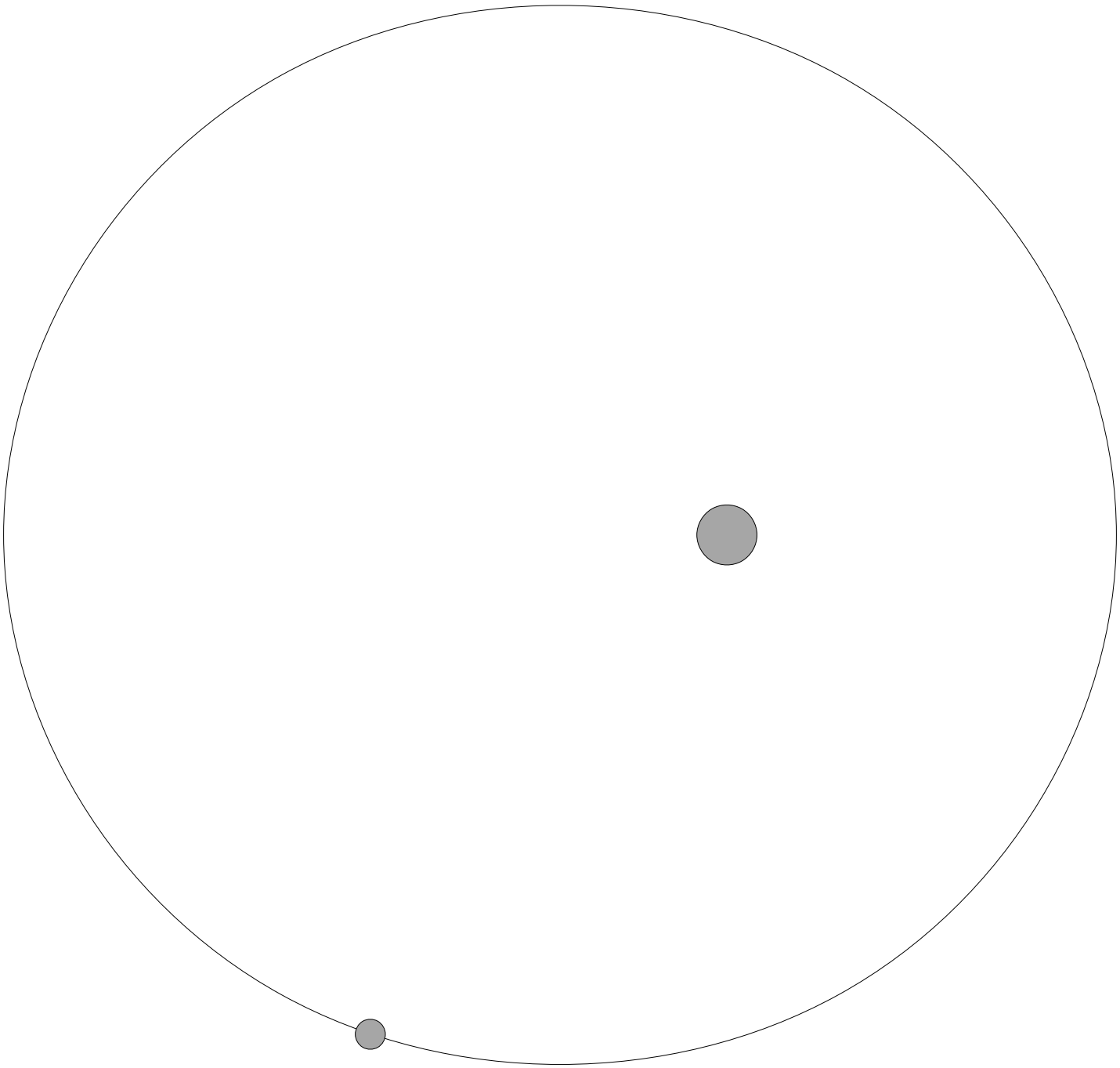
CURRENT PARAMETERS
a = 3.7
e = 0.3
day = 213.05
theta = 0



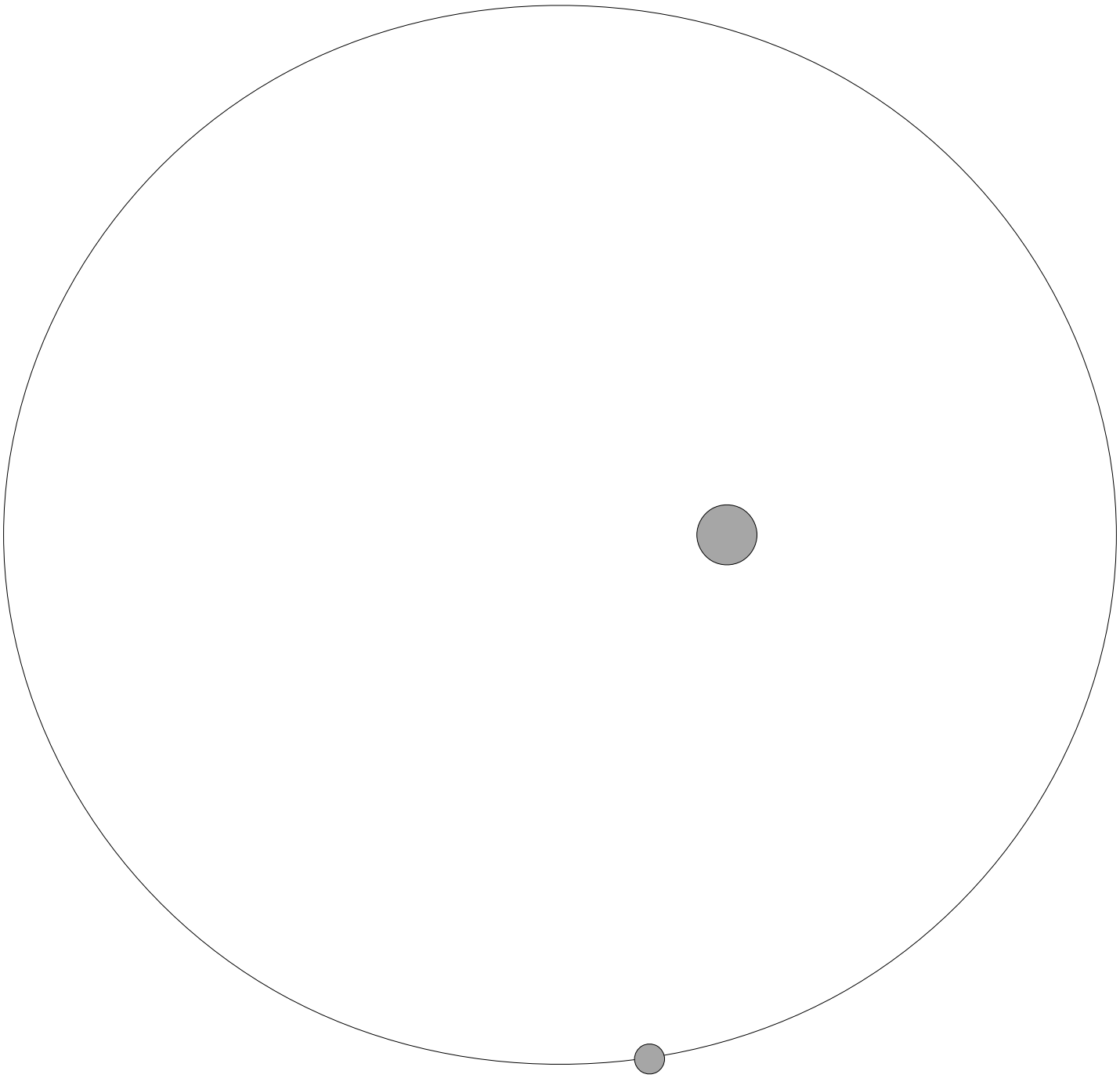
CURRENT PARAMETERS
a = 3.7
e = 0.3
day = 243.49
theta = 0



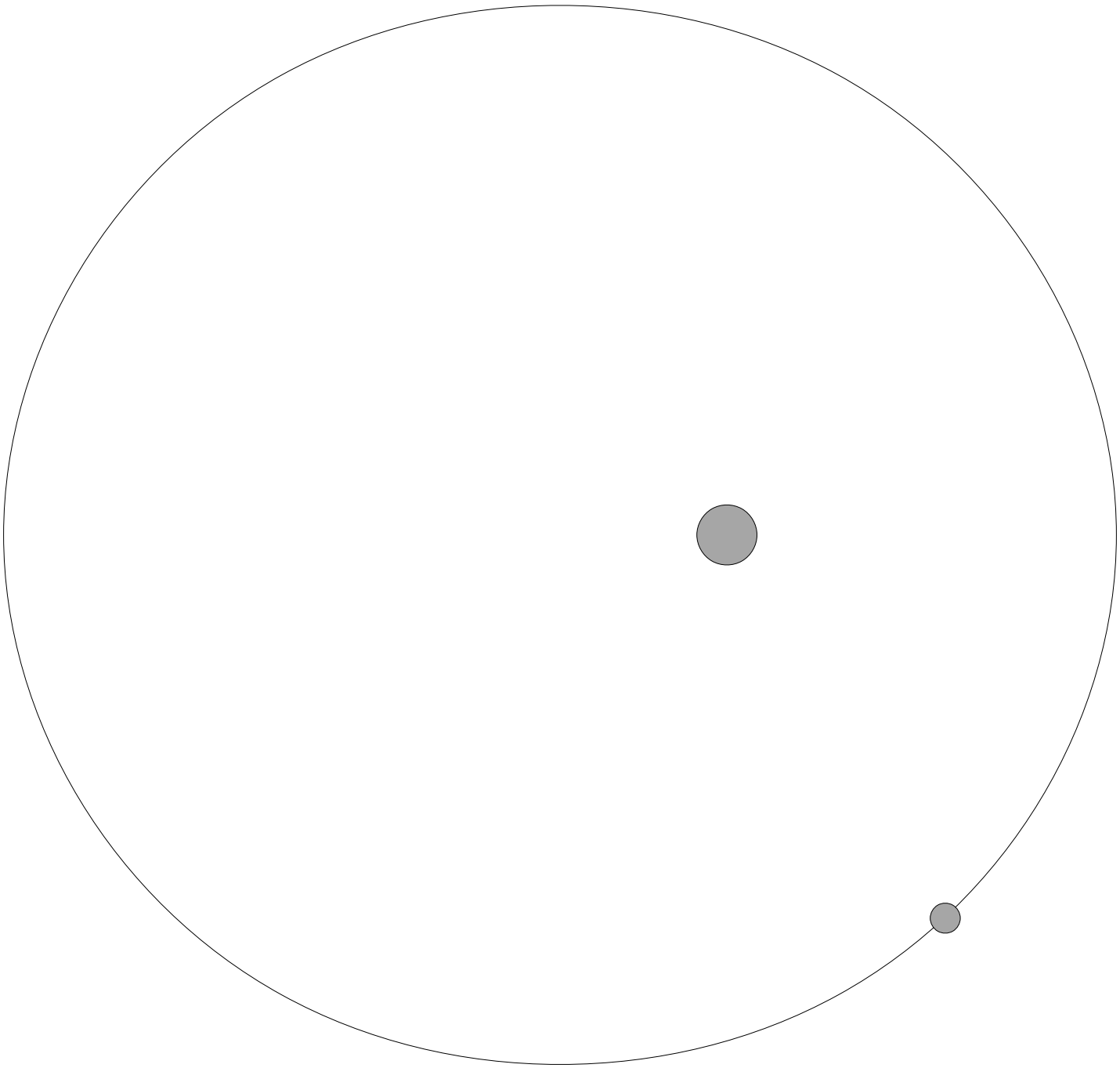
CURRENT PARAMETERS
a = 3.7
e = 0.3
day = 273.93
theta = 0



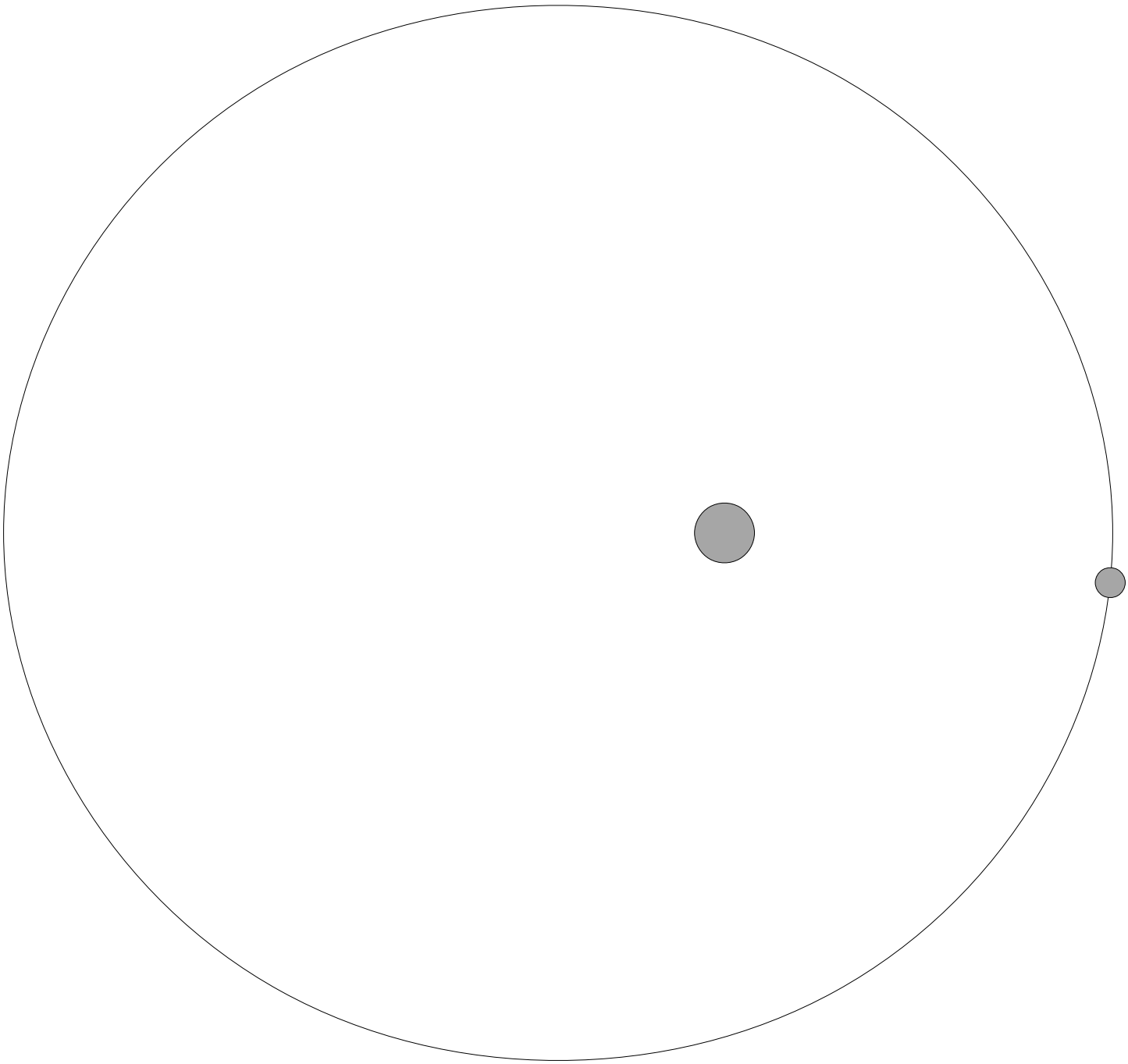
CURRENT PARAMETERS
a = 3.7
e = 0.3
day = 304.36
theta = 0



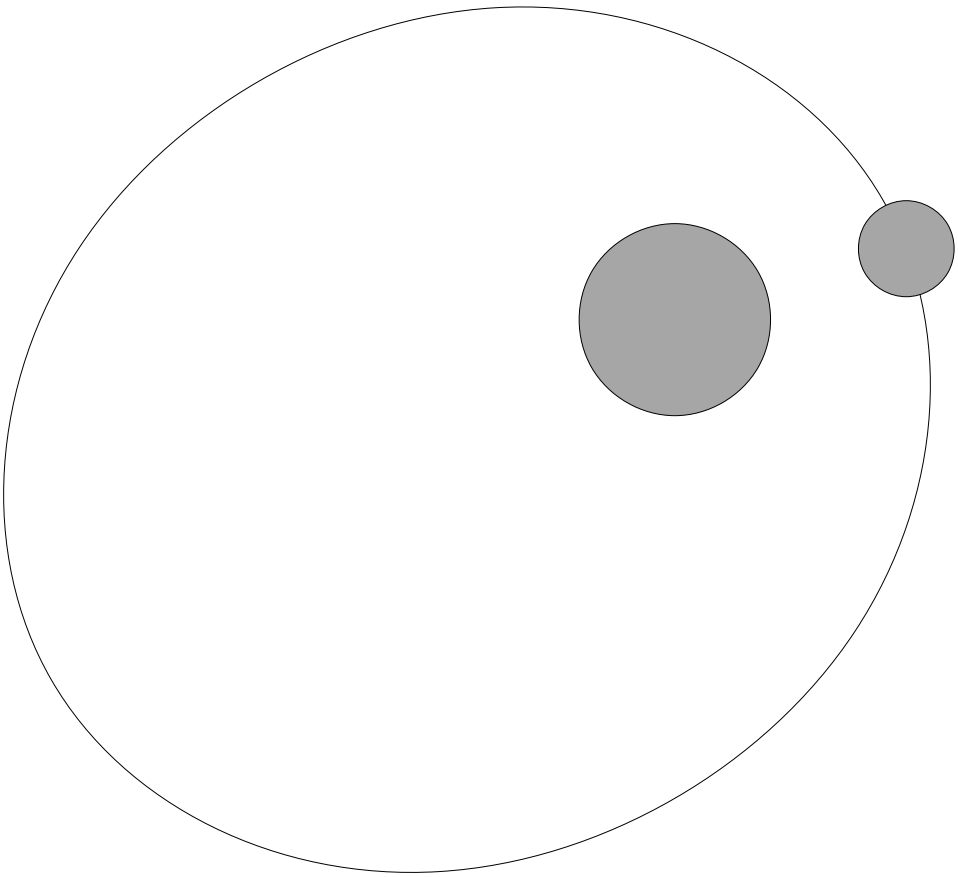
CURRENT PARAMETERS
a = 3.7
e = 0.3
day = 334.8
theta = 0



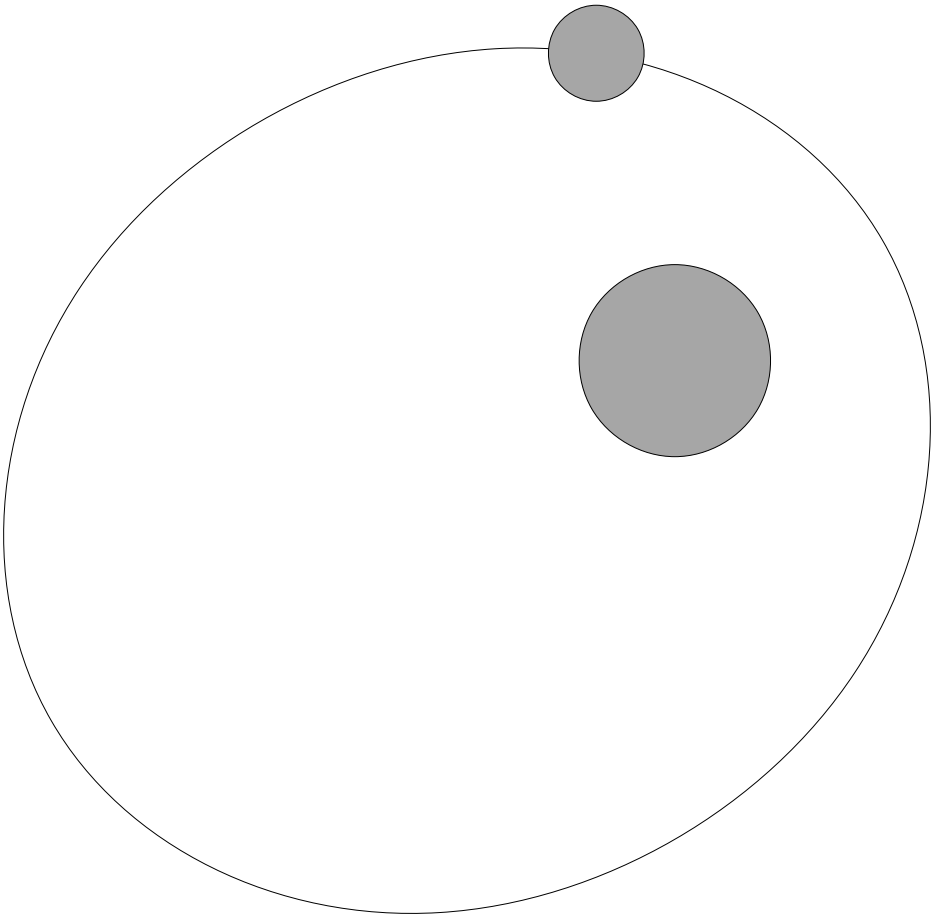
CURRENT PARAMETERS
a = 3.7
e = 0.3
day = 365.24
theta = 0



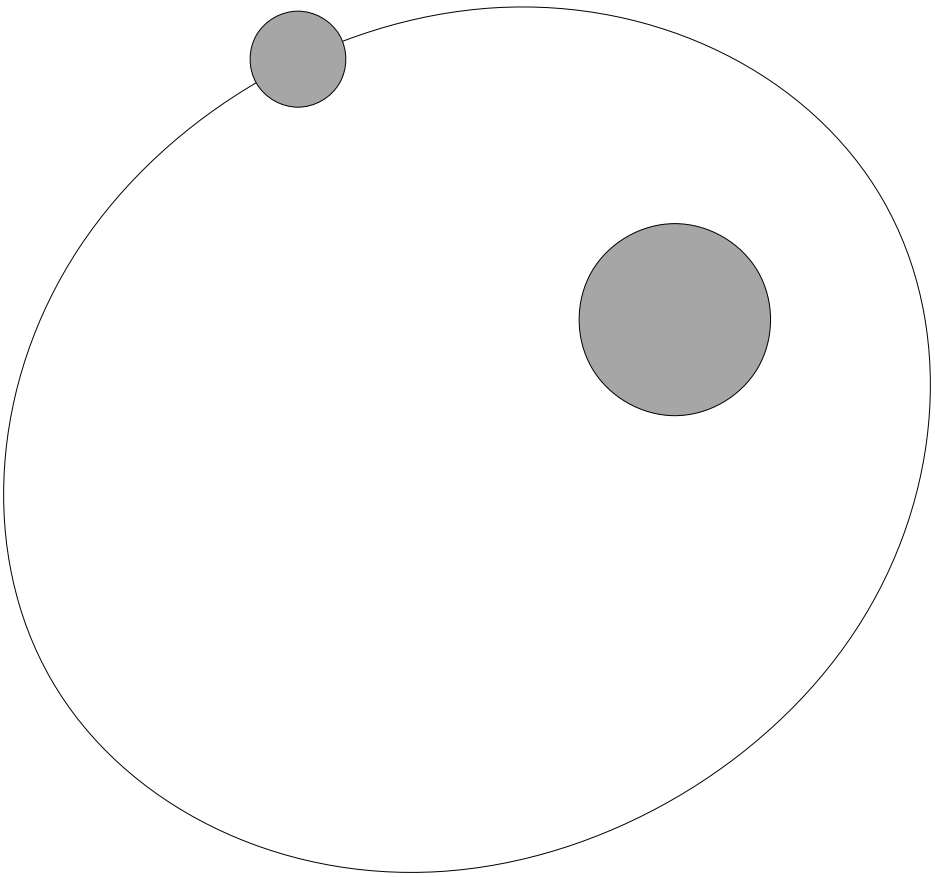
CURRENT PARAMETERS
a = 1.0
e = 0.5
day = 0.0
theta = 30



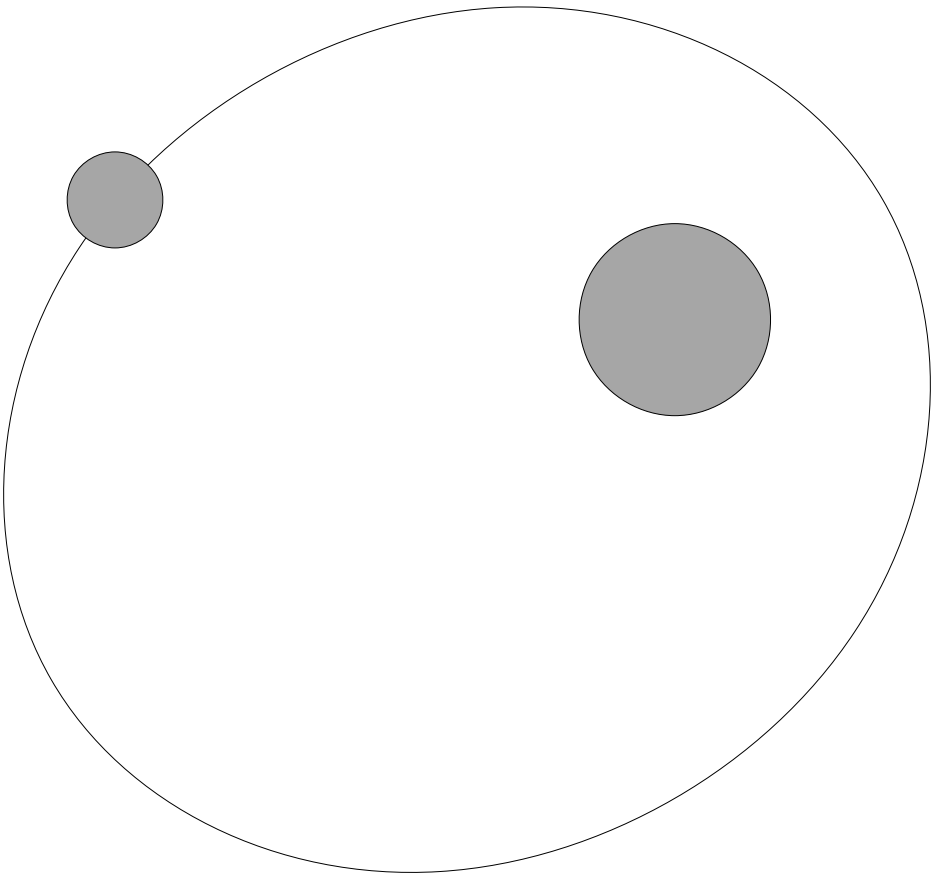
CURRENT PARAMETERS
a = 1.0
e = 0.5
day = 30.43
theta = 30



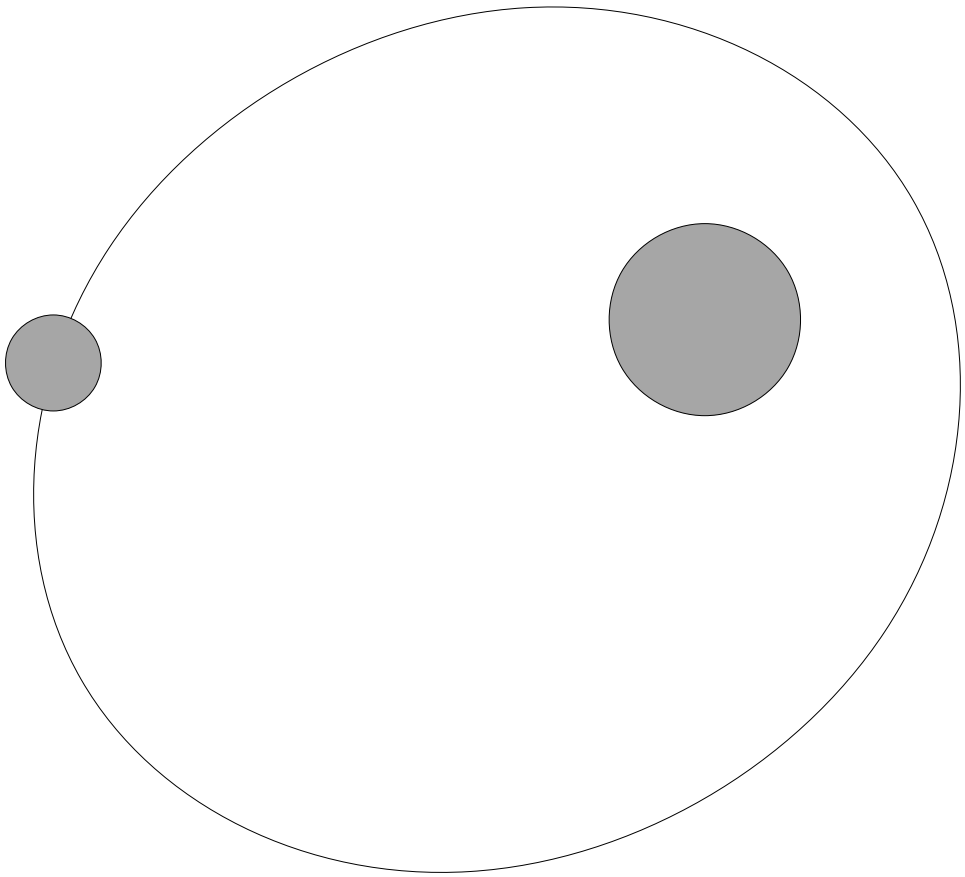
CURRENT PARAMETERS
a = 1.0
e = 0.5
day = 60.87
theta = 30



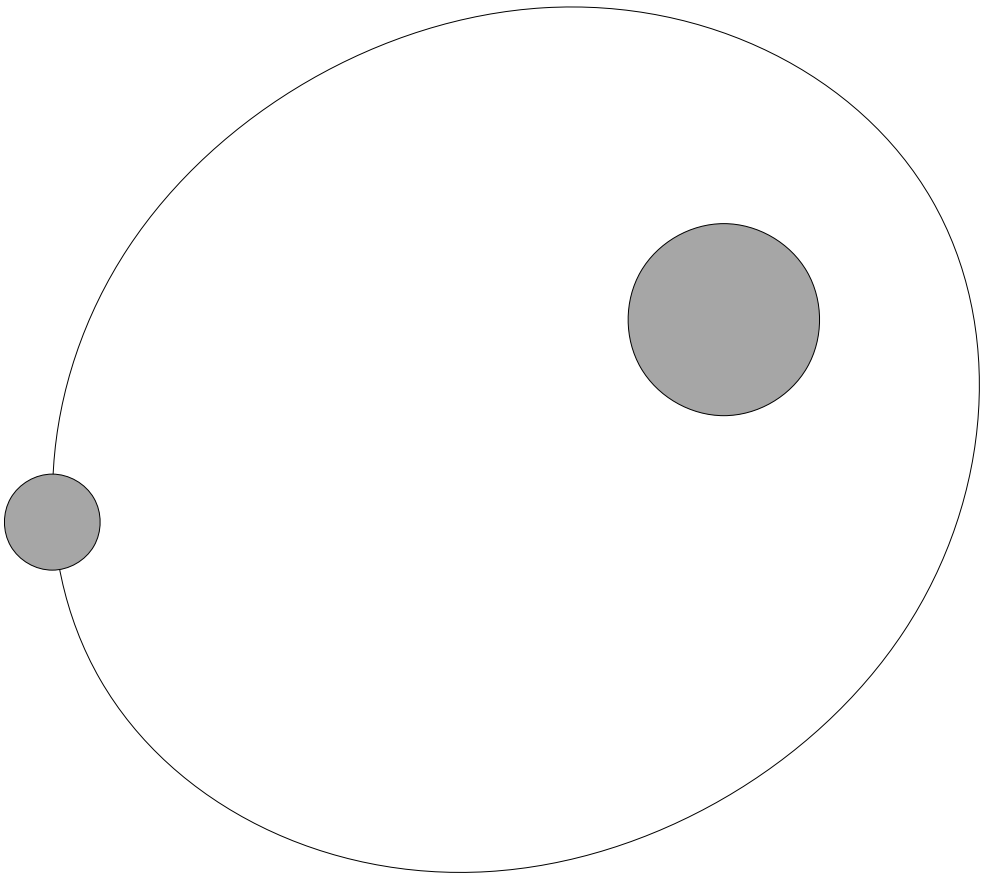
CURRENT PARAMETERS
a = 1.0
e = 0.5
day = 91.31
theta = 30



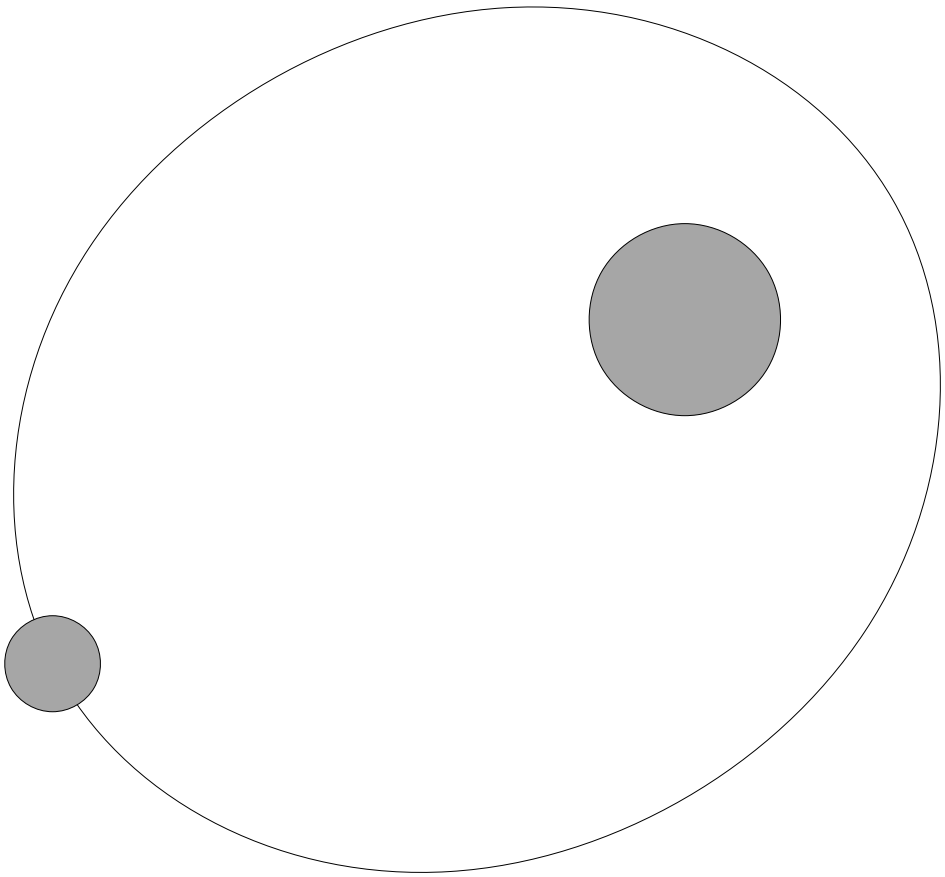
CURRENT PARAMETERS
a = 1.0
e = 0.5
day = 121.74
theta = 30



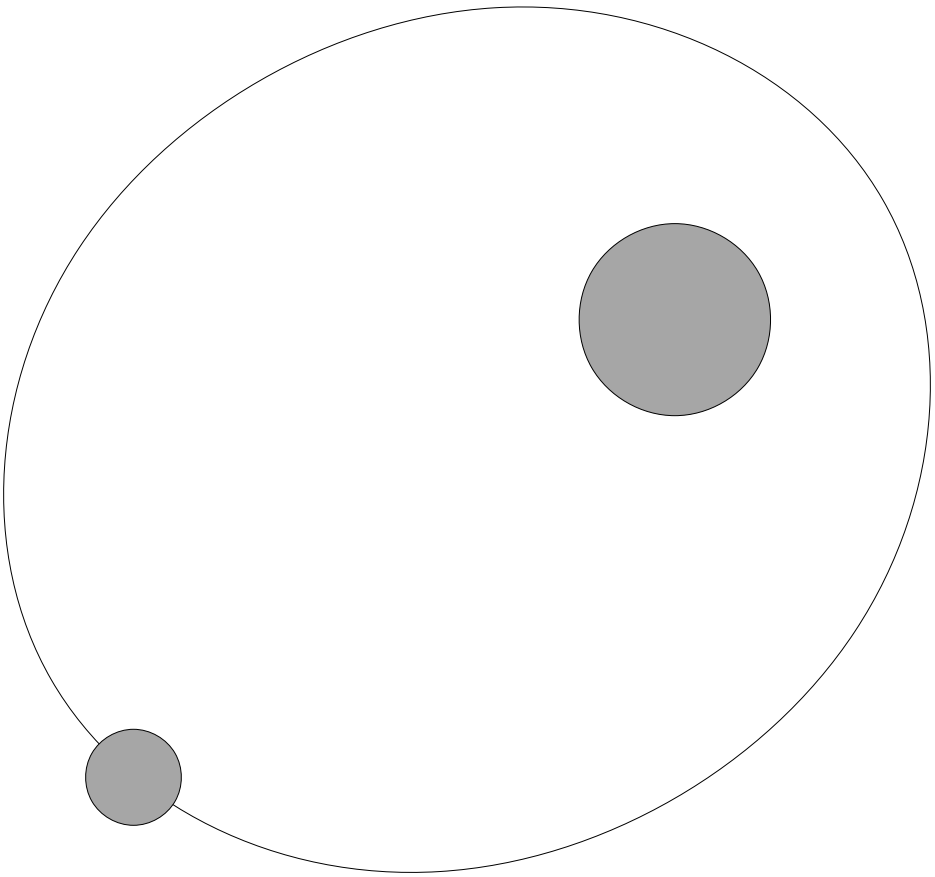
CURRENT PARAMETERS
a = 1.0
e = 0.5
day = 152.18
theta = 30



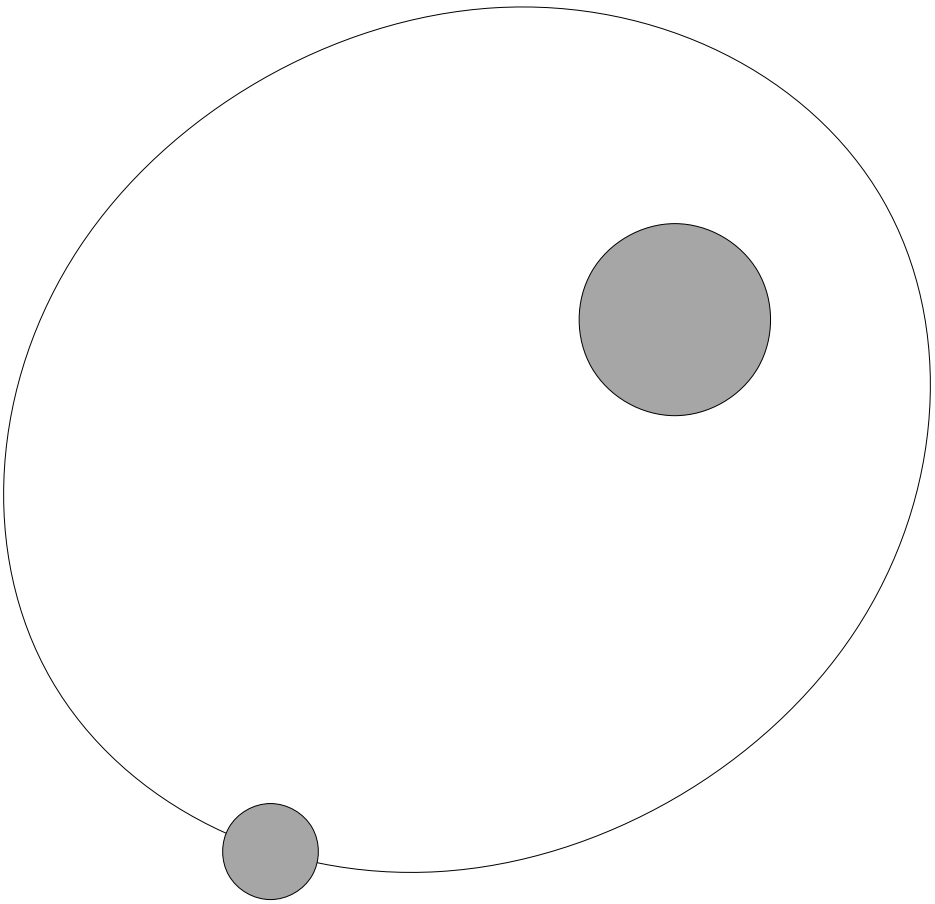
CURRENT PARAMETERS
a = 1.0
e = 0.5
day = 182.62
theta = 30



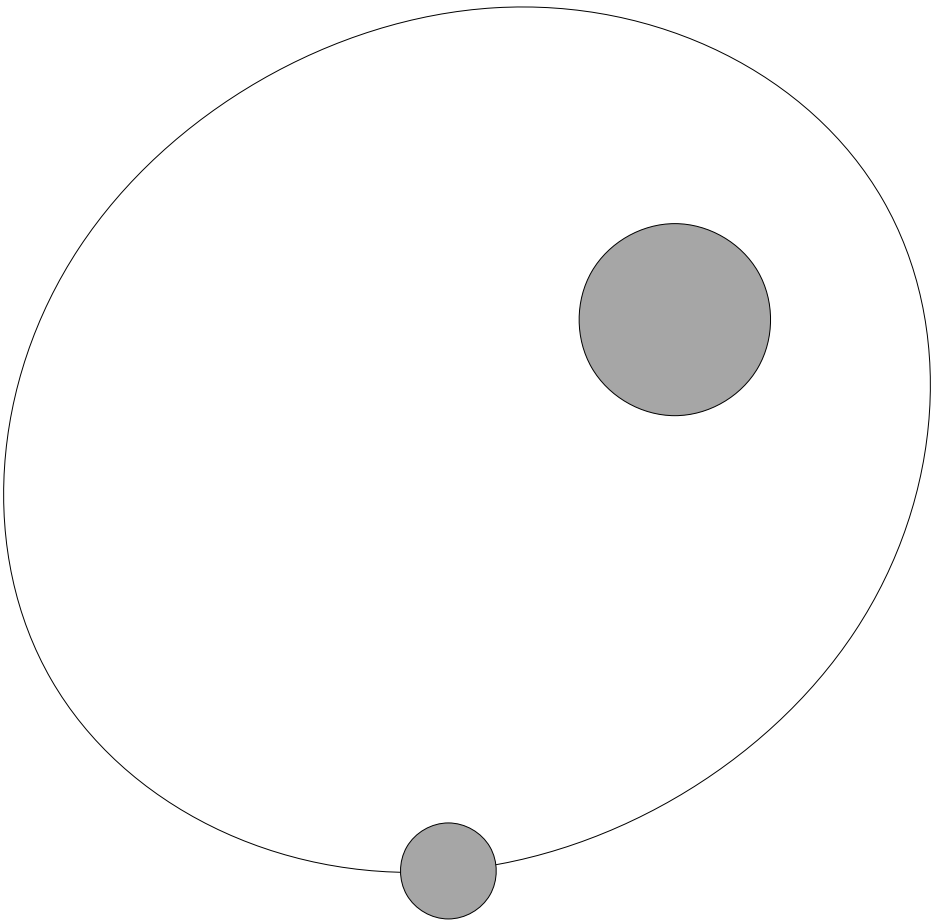
CURRENT PARAMETERS
a = 1.0
e = 0.5
day = 213.05
theta = 30



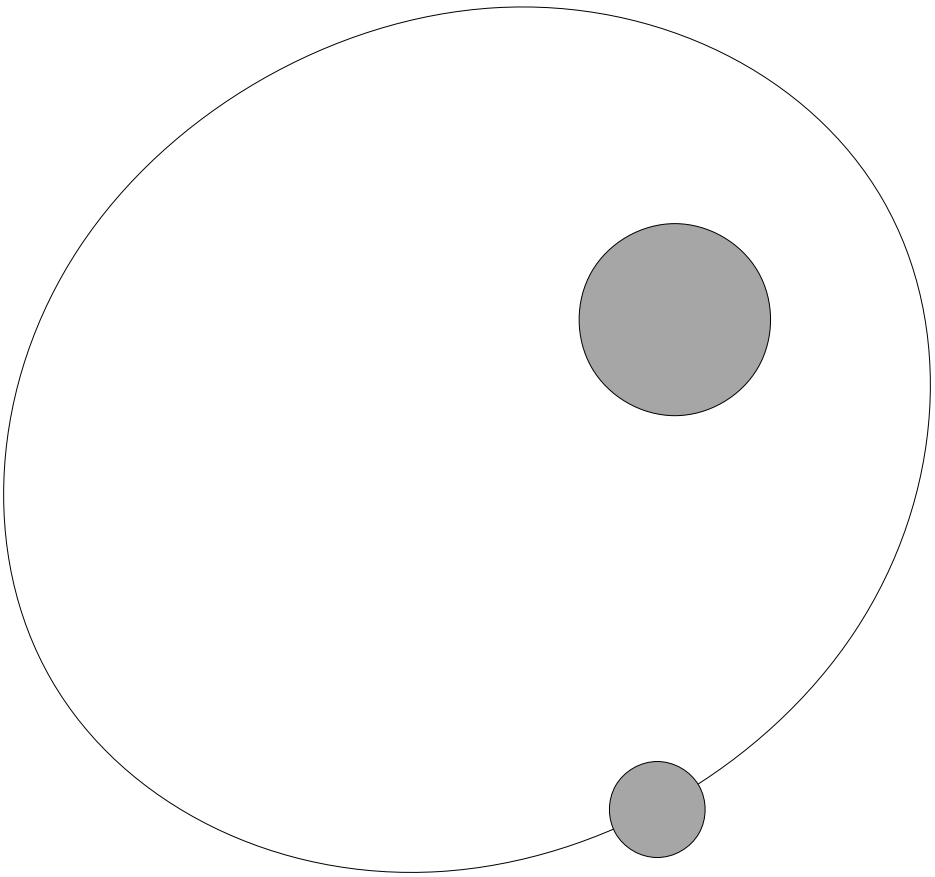
CURRENT PARAMETERS
a = 1.0
e = 0.5
day = 243.49
theta = 30



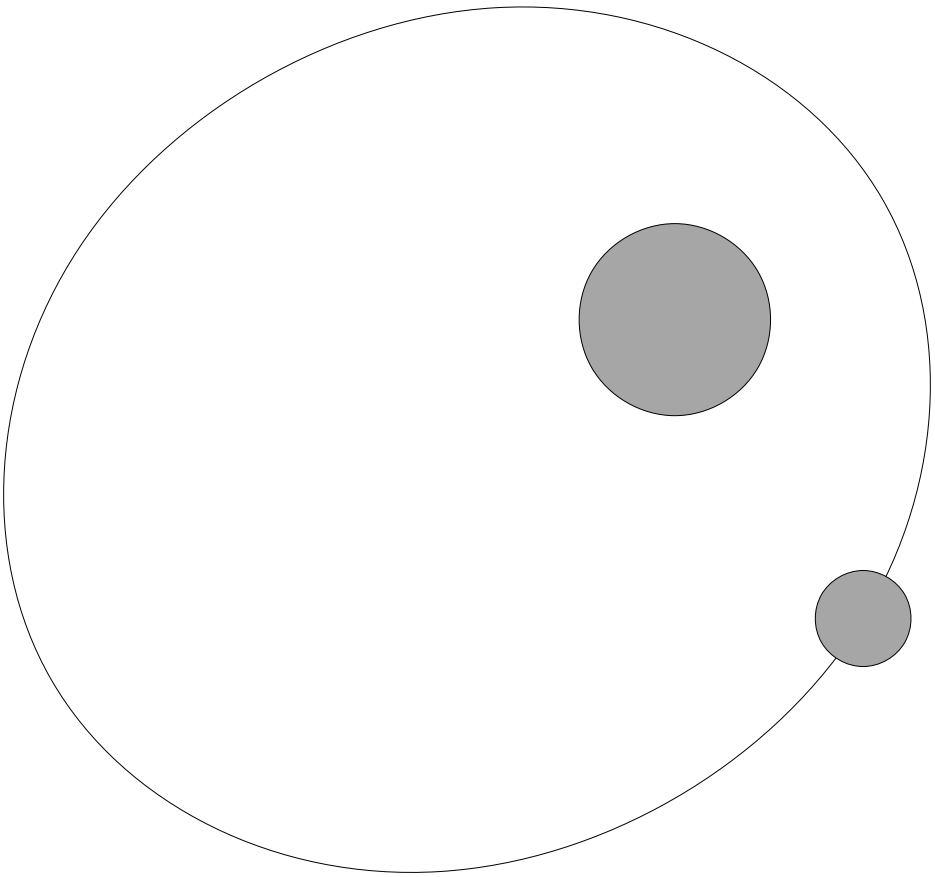
CURRENT PARAMETERS
a = 1.0
e = 0.5
day = 273.93
theta = 30



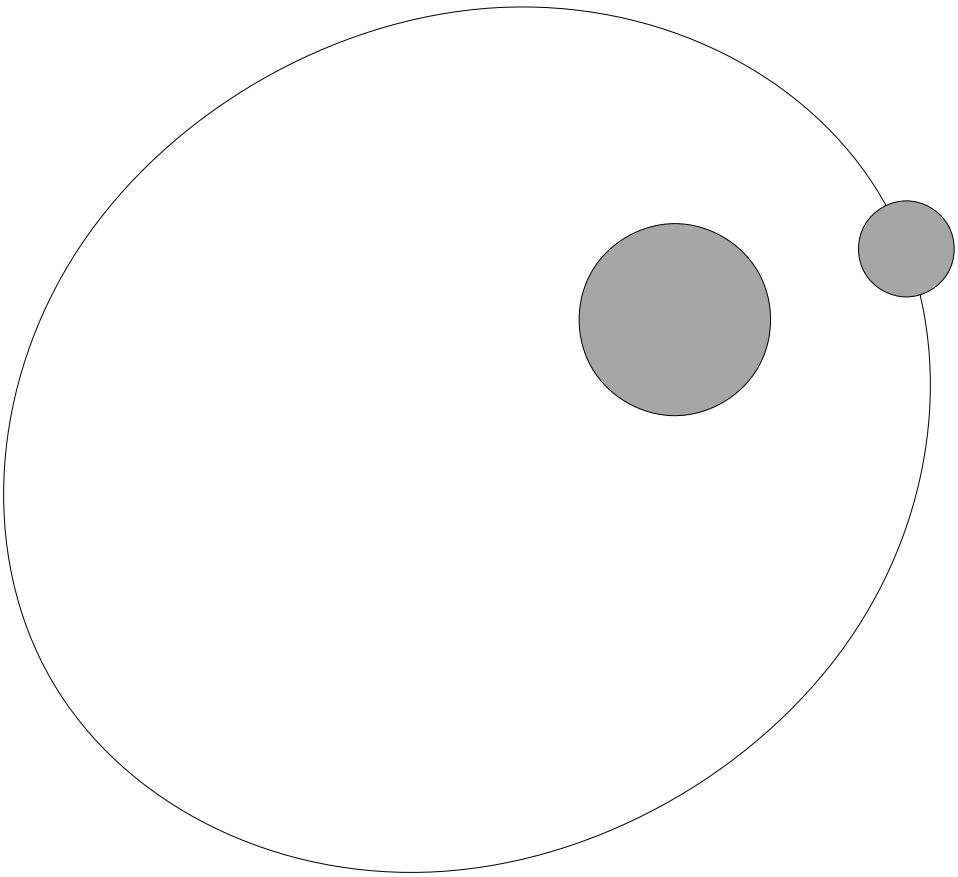
CURRENT PARAMETERS
a = 1.0
e = 0.5
day = 304.36
theta = 30



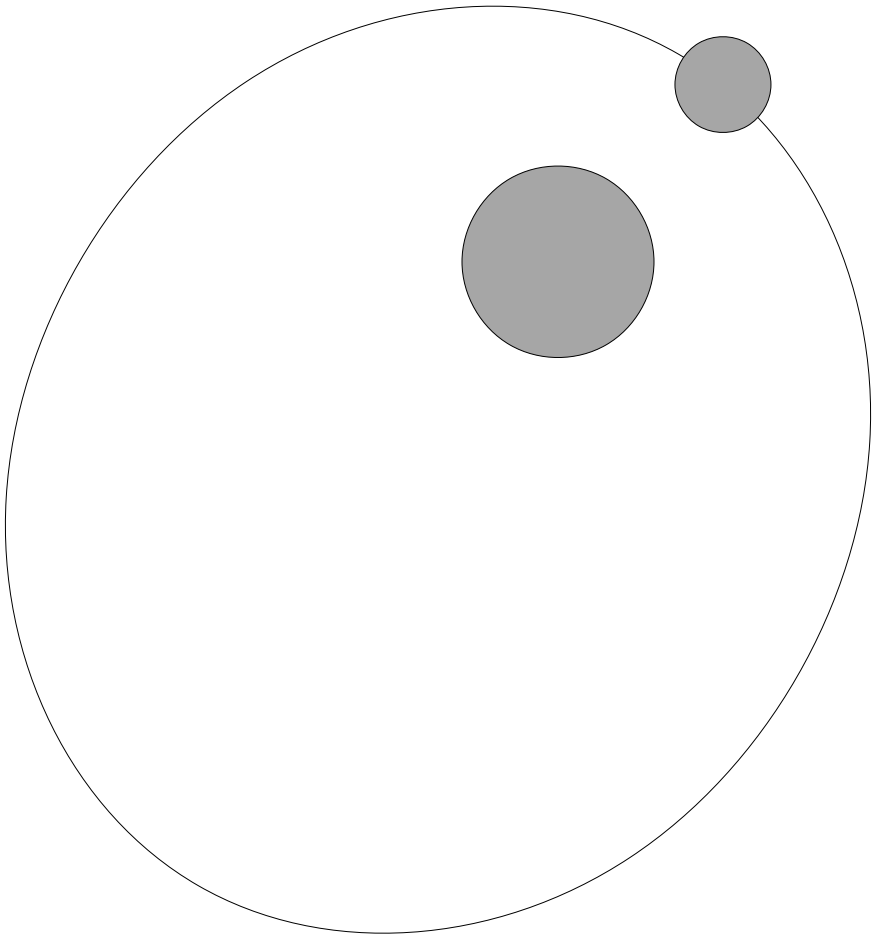
CURRENT PARAMETERS
a = 1.0
e = 0.5
day = 334.8
theta = 30



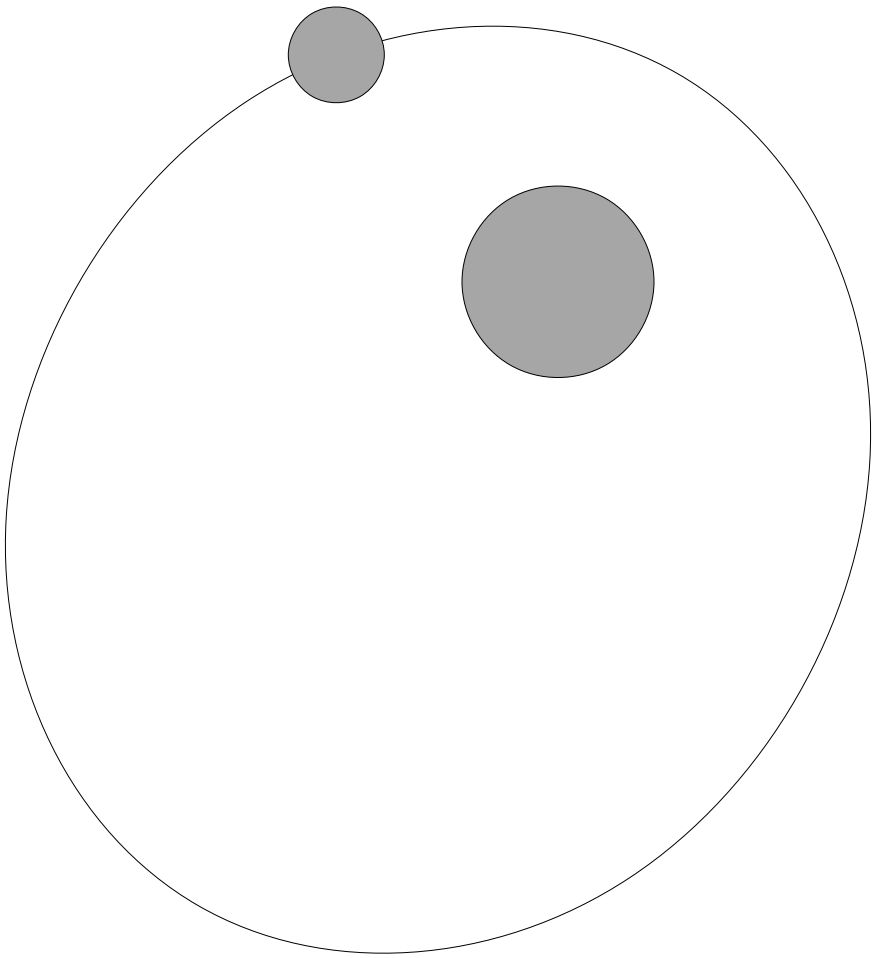
CURRENT PARAMETERS
a = 1.0
e = 0.5
day = 365.24
theta = 30



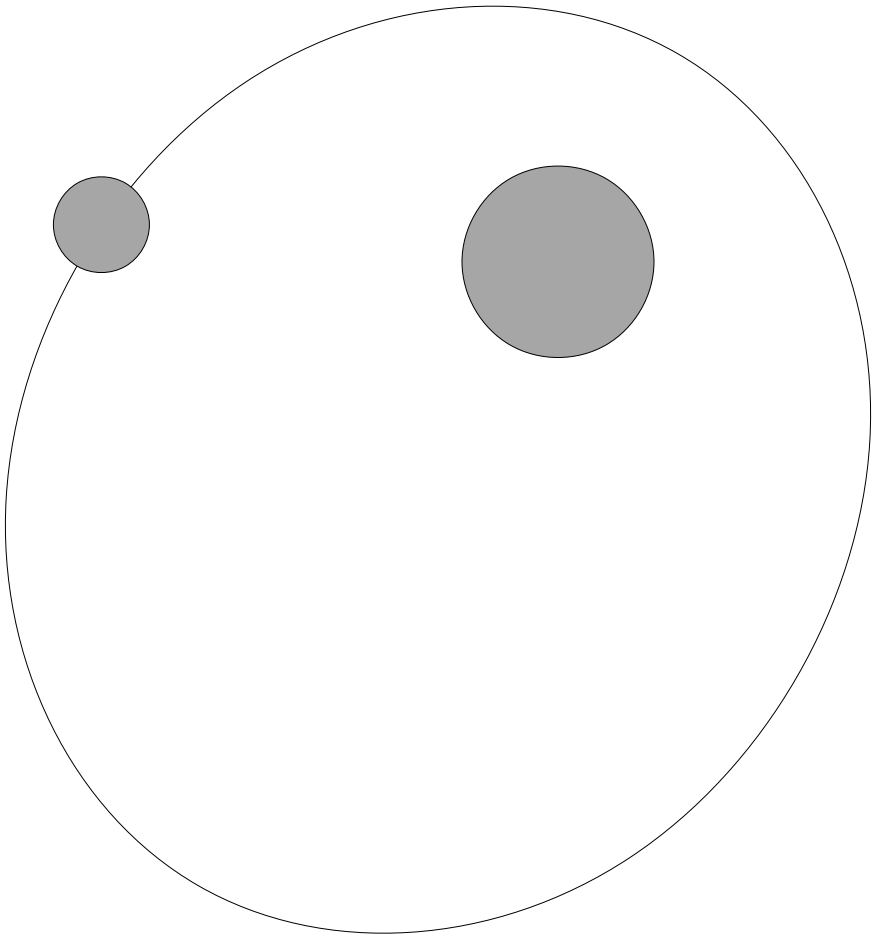
CURRENT PARAMETERS
a = 1.0
e = 0.5
day = 0.0
theta = 60



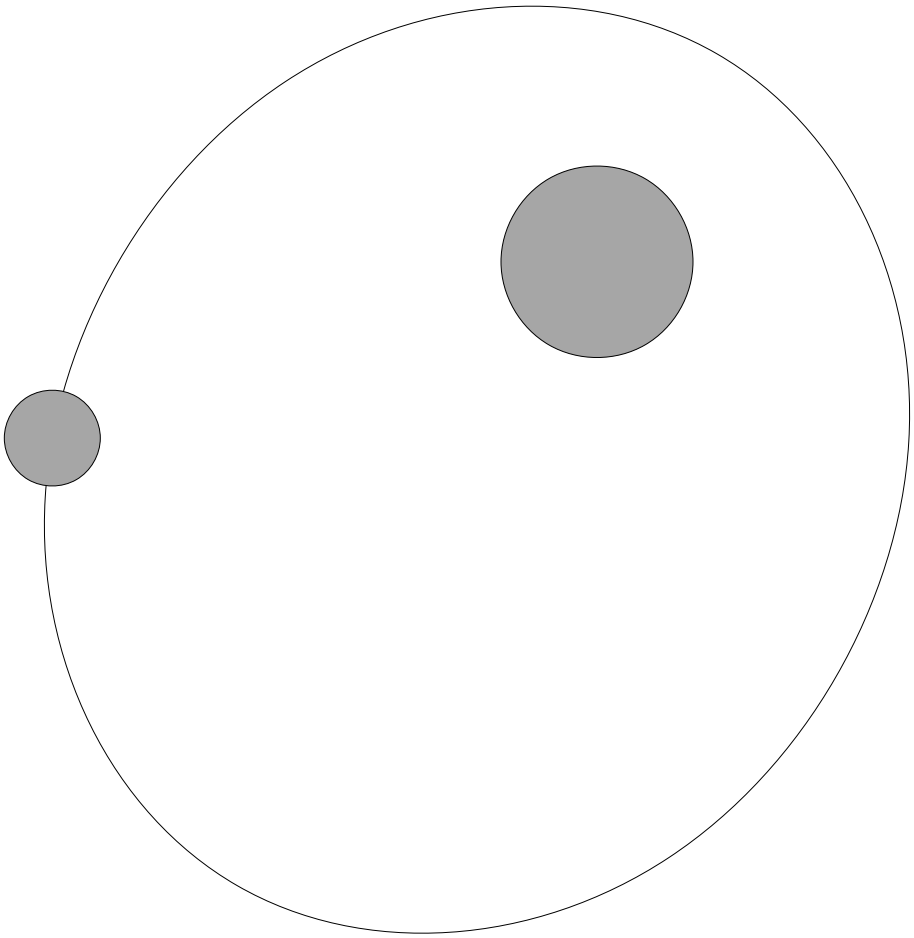
CURRENT PARAMETERS
a = 1.0
e = 0.5
day = 30.43
theta = 60



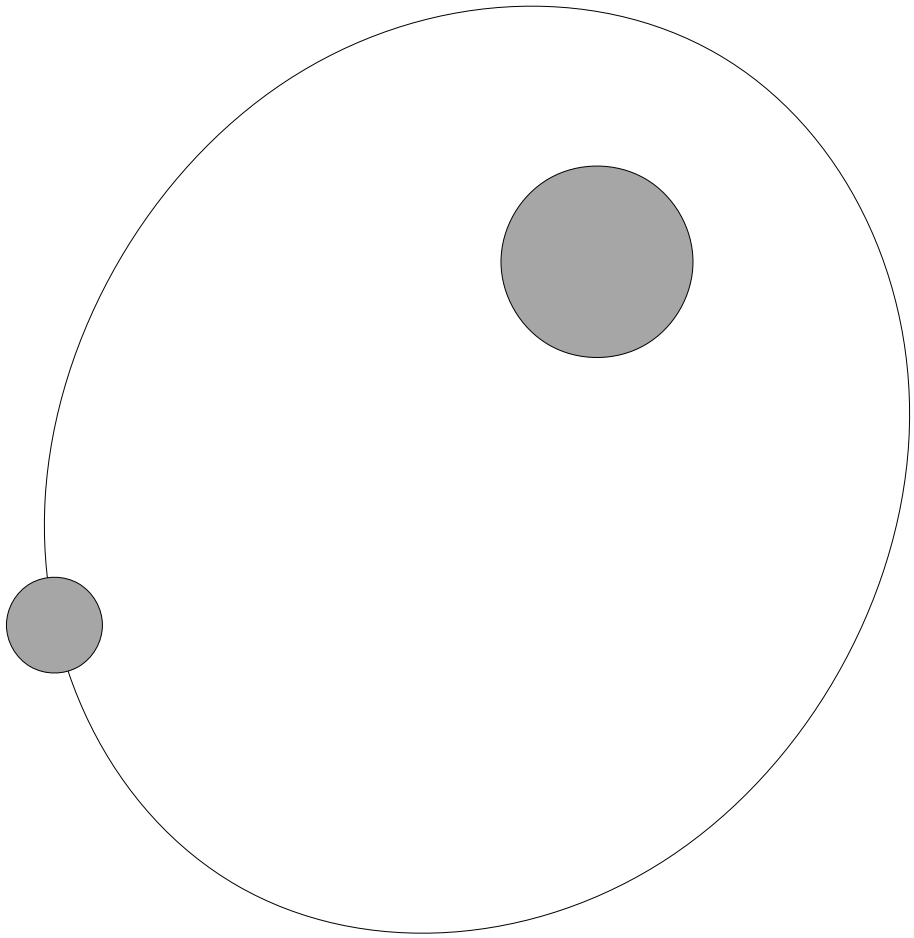
CURRENT PARAMETERS
a = 1.0
e = 0.5
day = 60.87
theta = 60



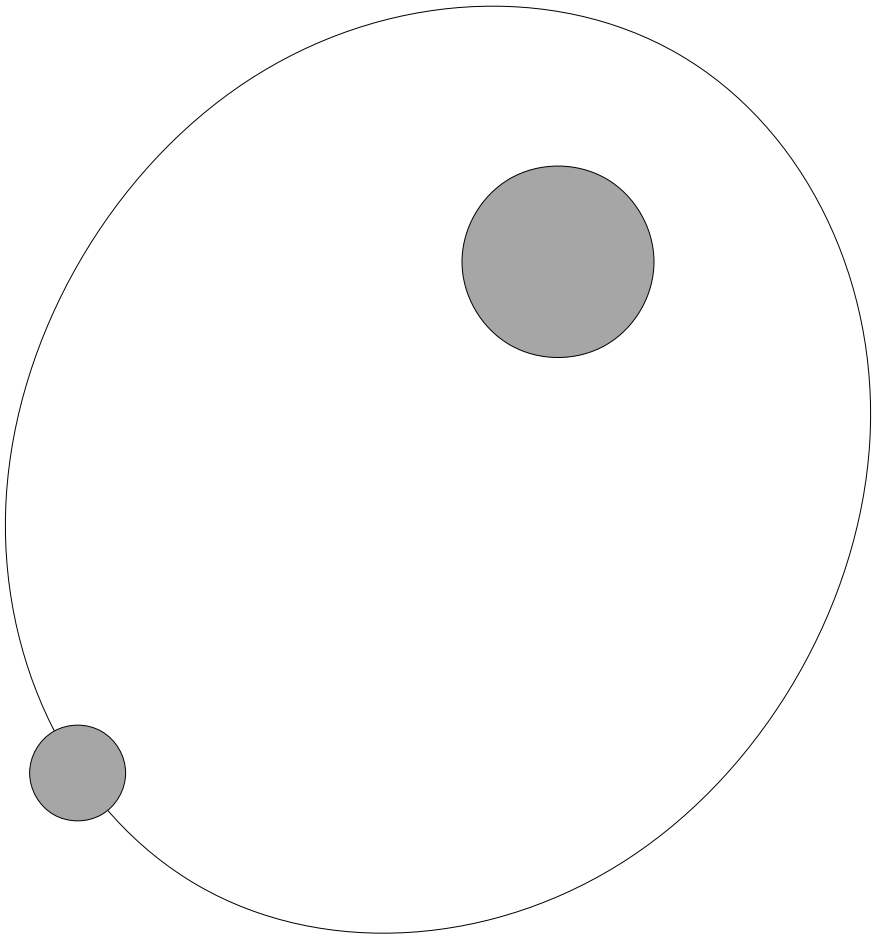
CURRENT PARAMETERS
a = 1.0
e = 0.5
day = 91.31
theta = 60



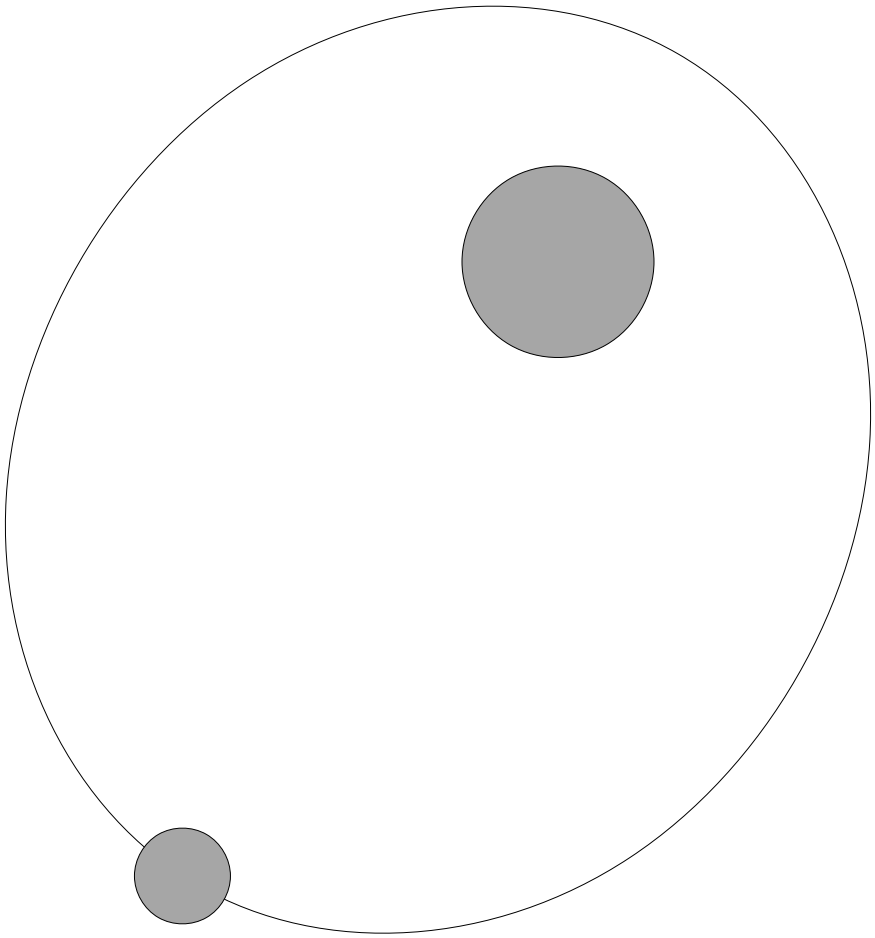
CURRENT PARAMETERS
a = 1.0
e = 0.5
day = 121.74
theta = 60



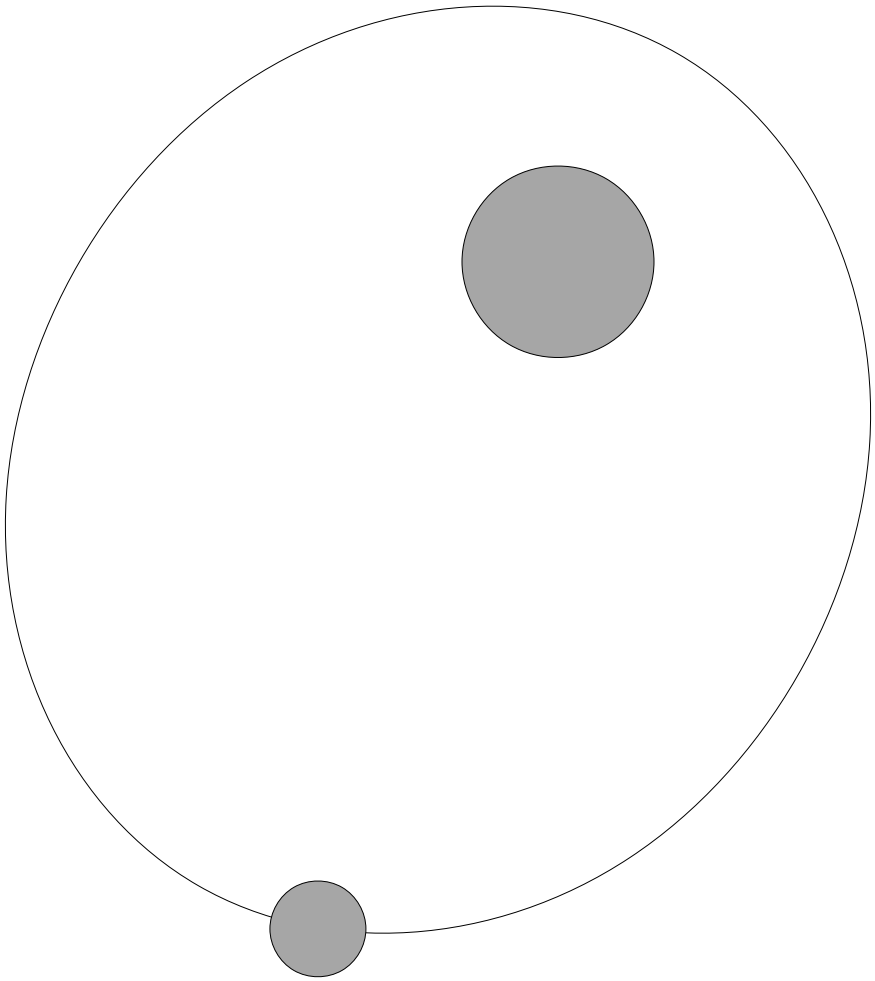
CURRENT PARAMETERS
a = 1.0
e = 0.5
day = 152.18
theta = 60



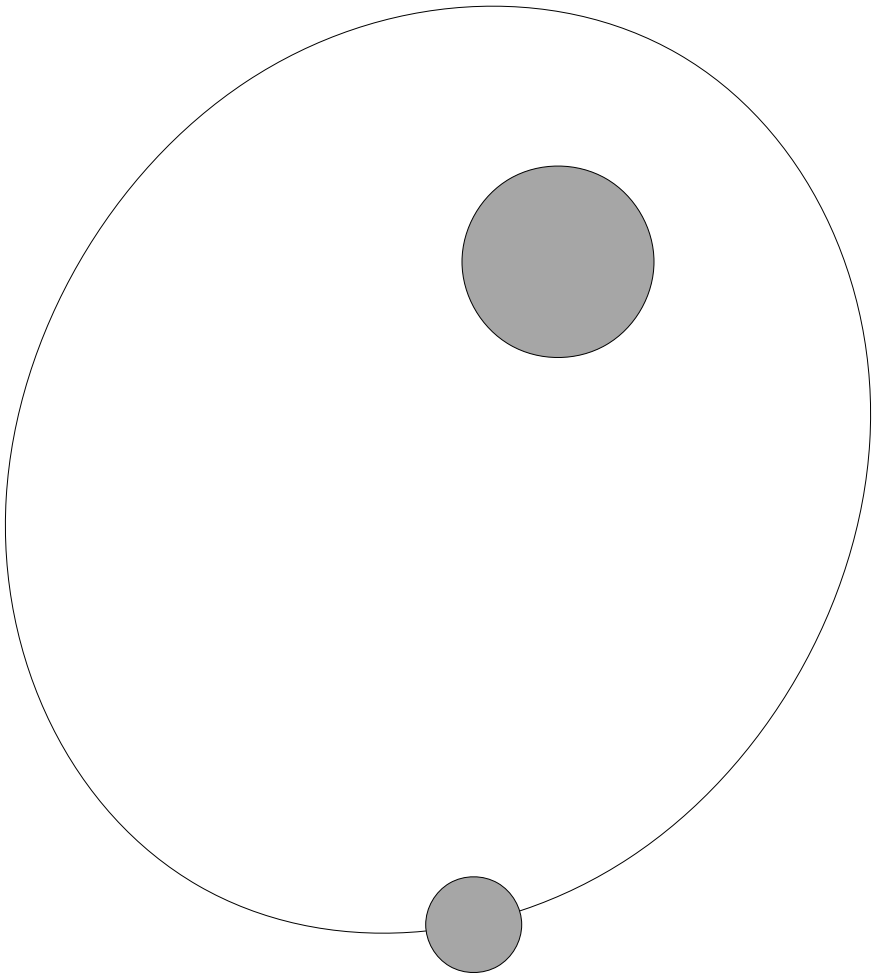
CURRENT PARAMETERS
a = 1.0
e = 0.5
day = 182.62
theta = 60



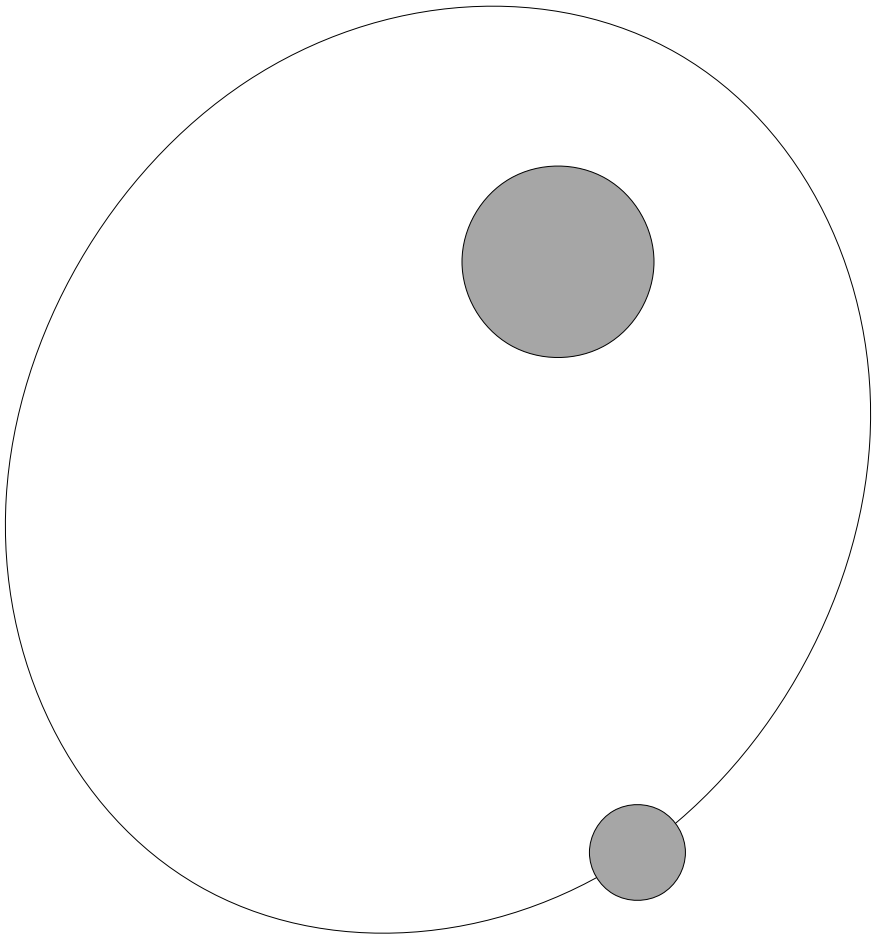
CURRENT PARAMETERS
a = 1.0
e = 0.5
day = 213.05
theta = 60



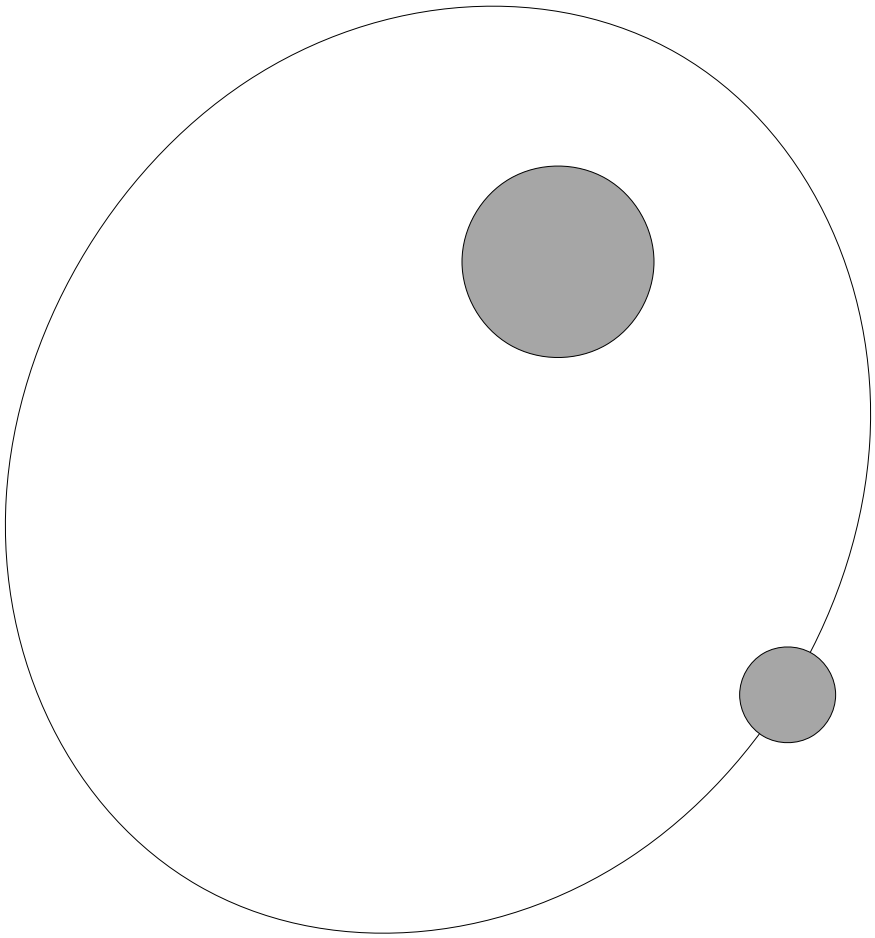
CURRENT PARAMETERS
a = 1.0
e = 0.5
day = 243.49
theta = 60



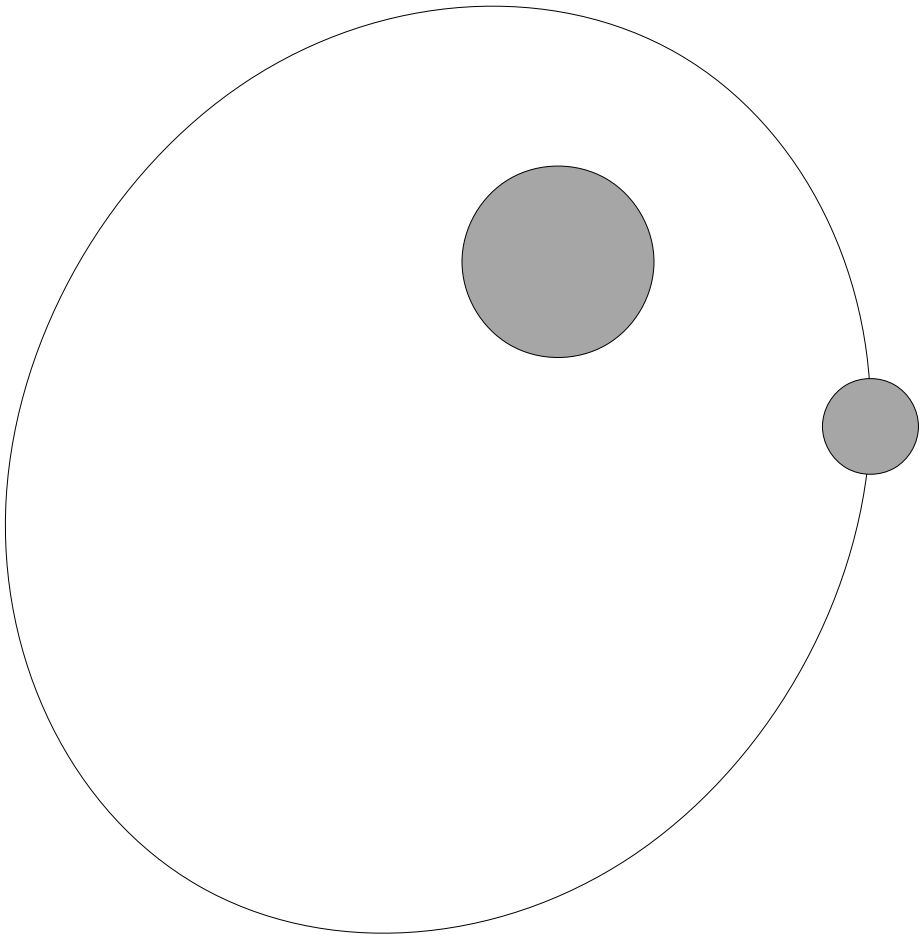
CURRENT PARAMETERS
a = 1.0
e = 0.5
day = 273.93
theta = 60



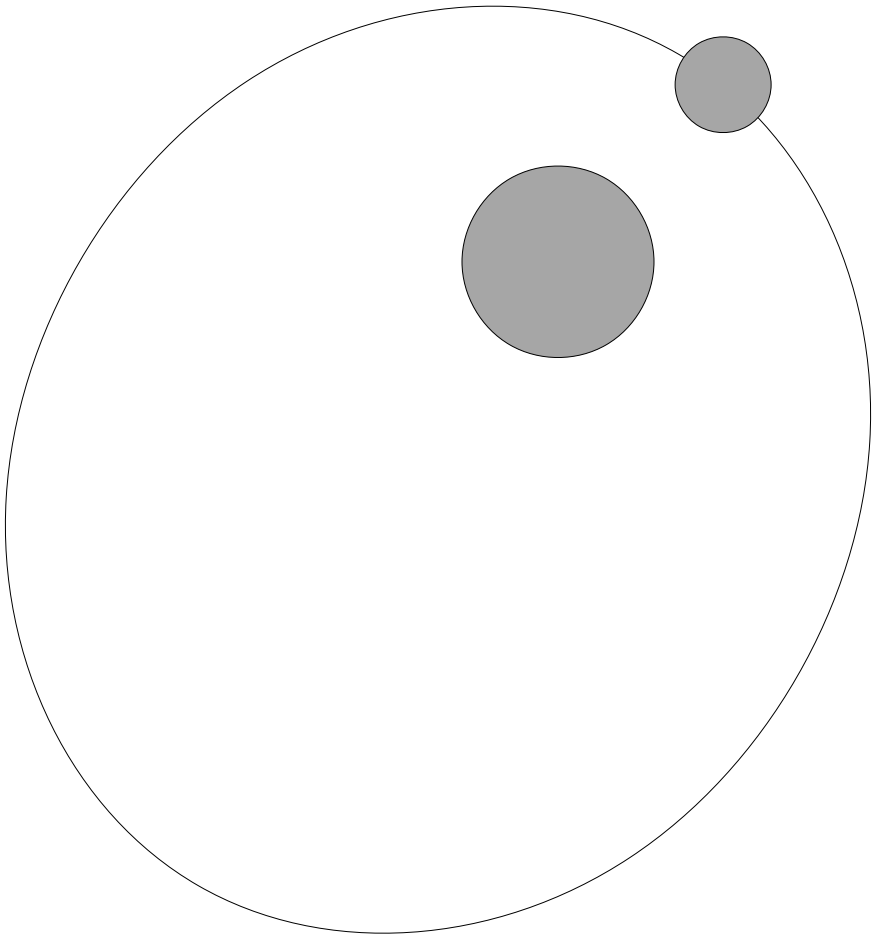
CURRENT PARAMETERS
a = 1.0
e = 0.5
day = 304.36
theta = 60



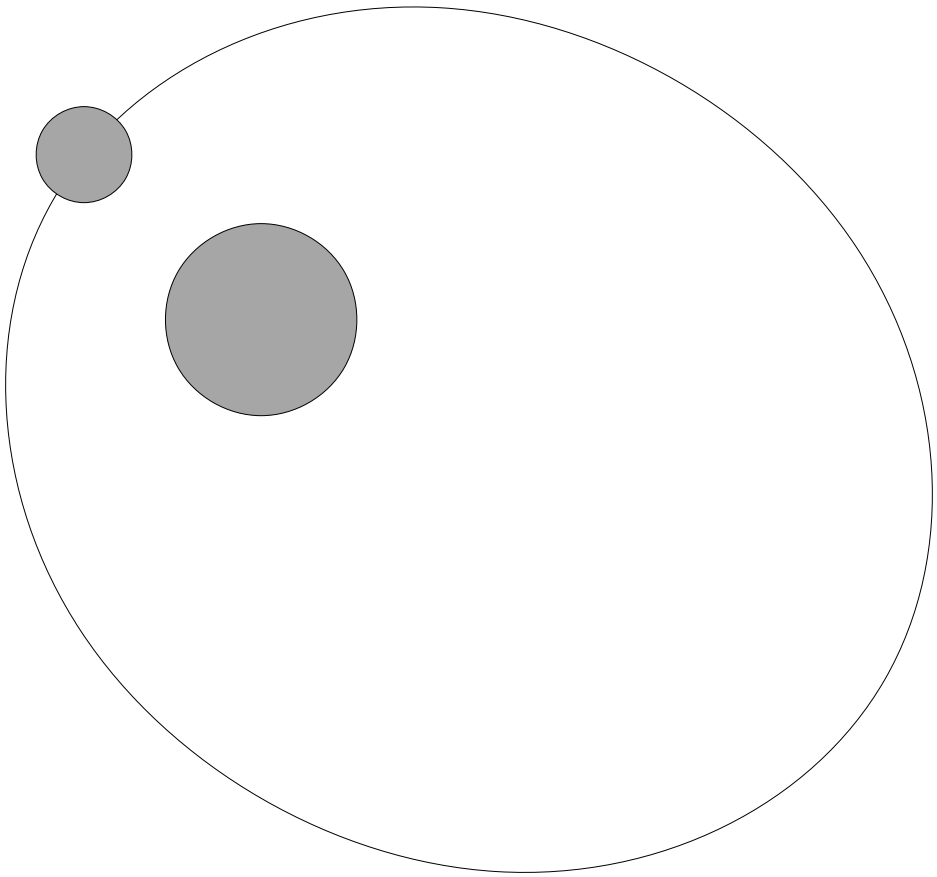
CURRENT PARAMETERS
a = 1.0
e = 0.5
day = 334.8
theta = 60



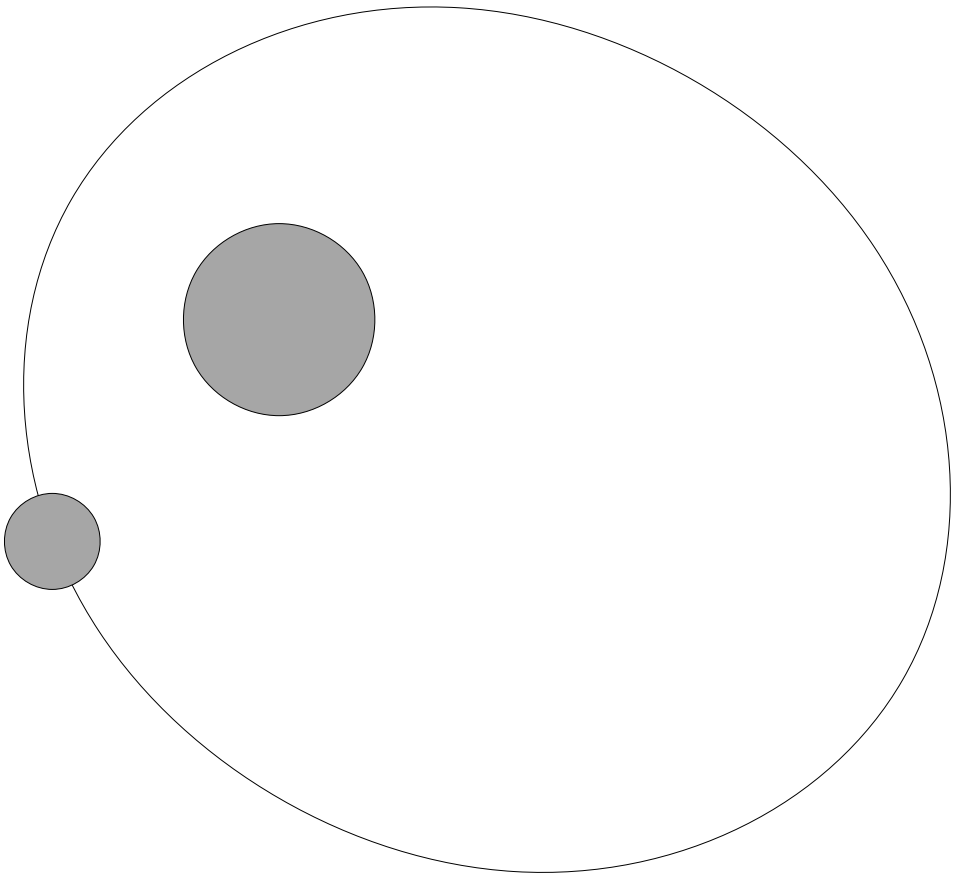
CURRENT PARAMETERS
a = 1.0
e = 0.5
day = 365.24
theta = 60



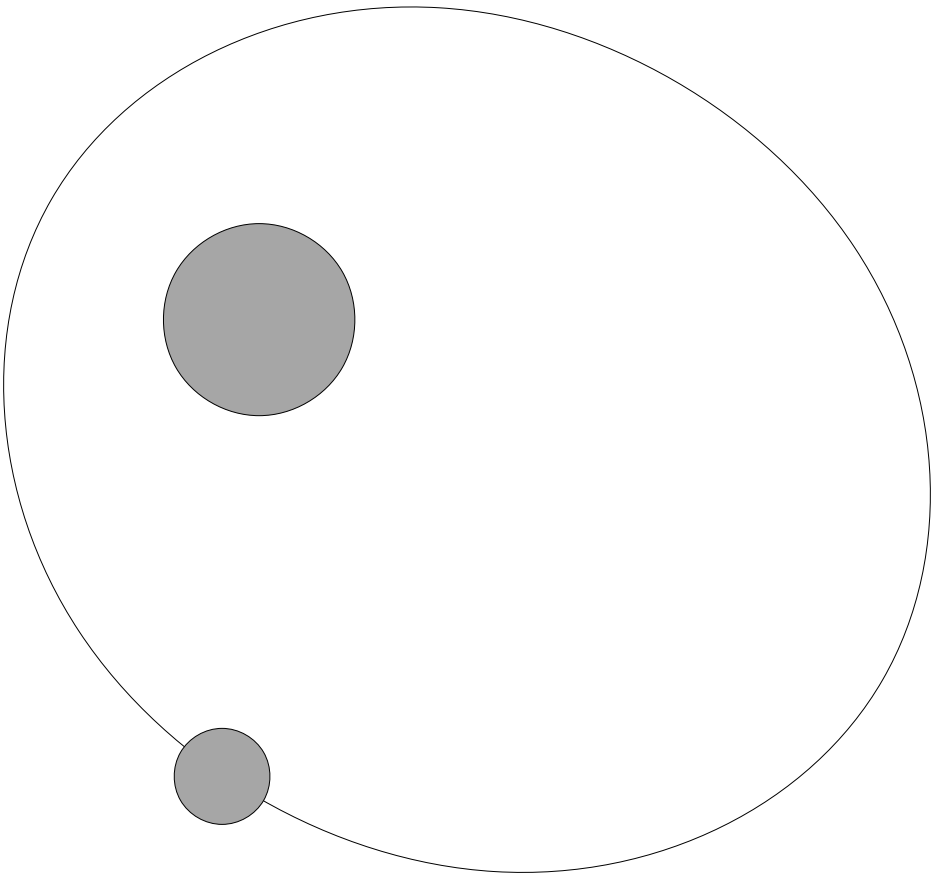
CURRENT PARAMETERS
a = 1.0
e = 0.5
day = 0.0
theta = 150



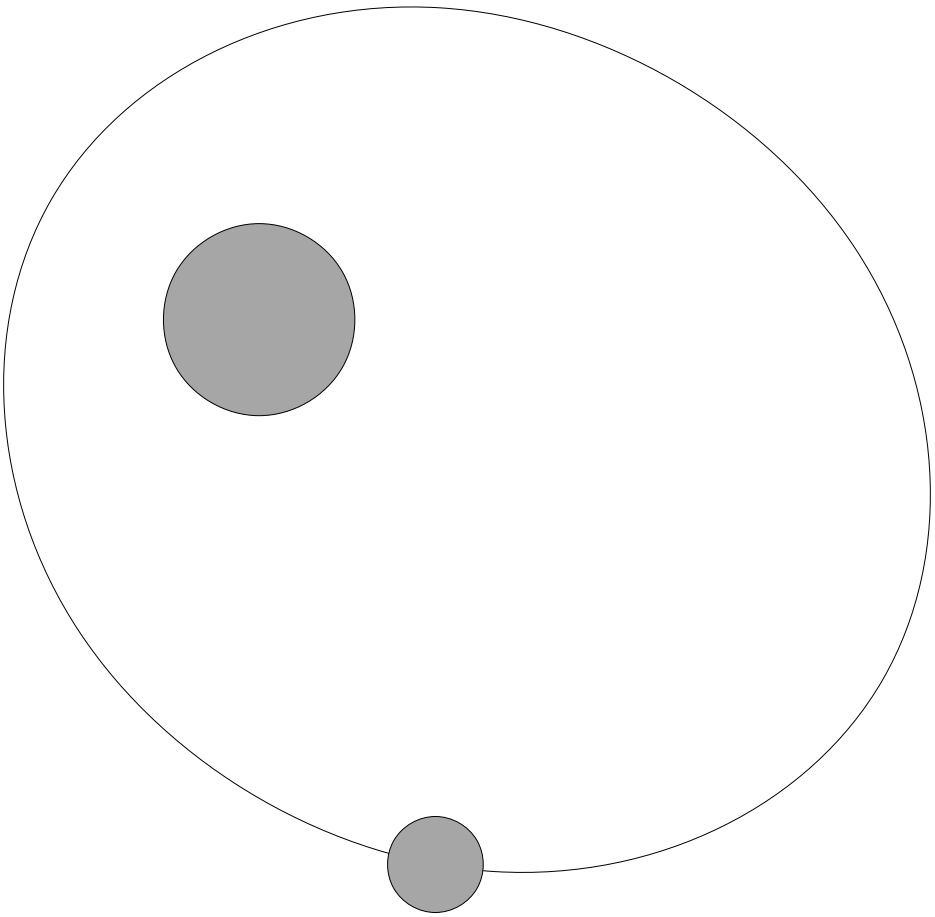
CURRENT PARAMETERS
a = 1.0
e = 0.5
day = 30.43
theta = 150



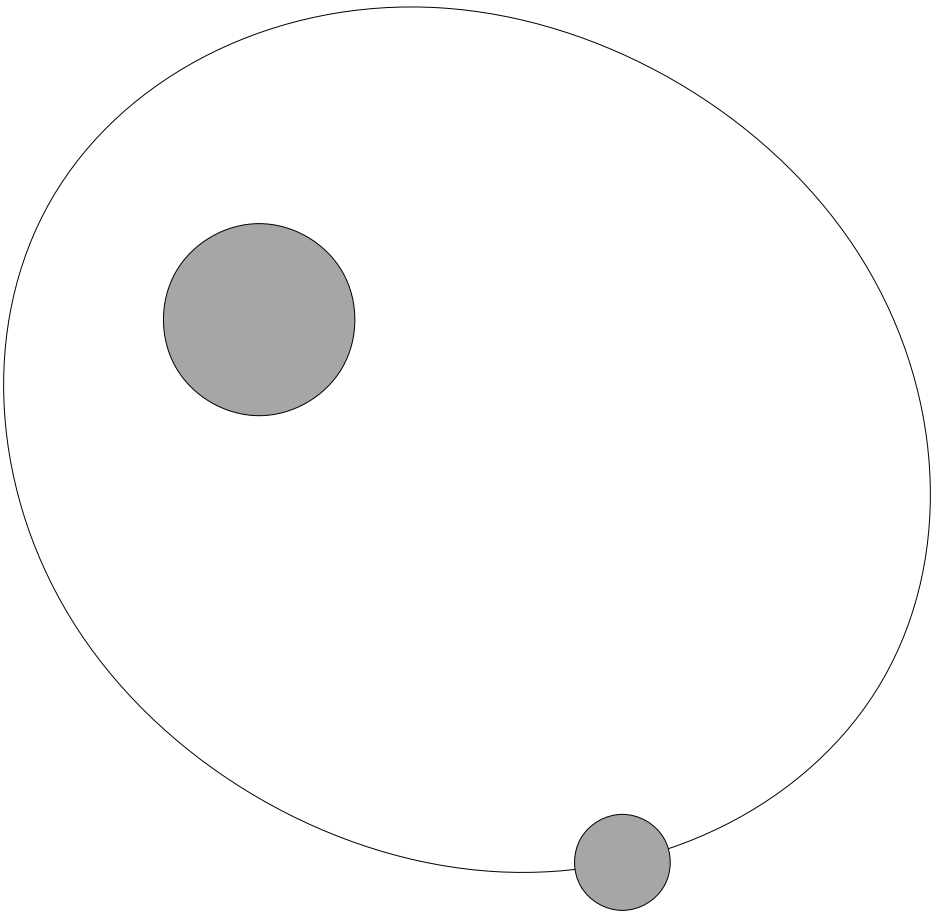
CURRENT PARAMETERS
a = 1.0
e = 0.5
day = 60.87
theta = 150



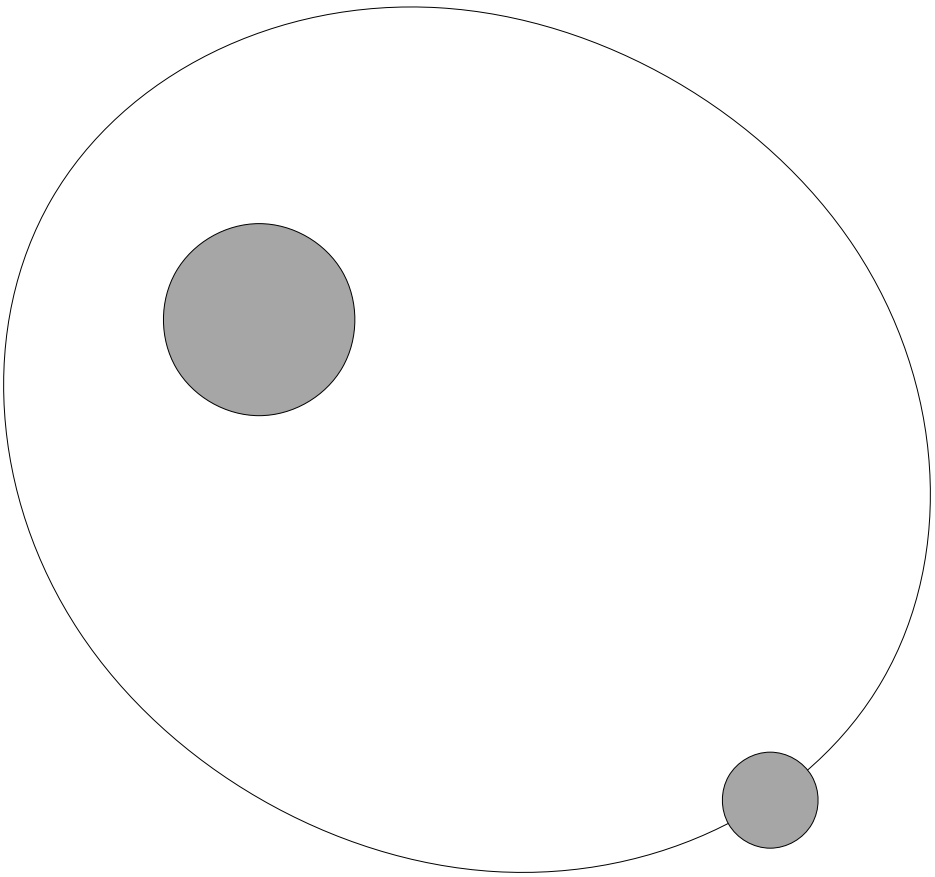
CURRENT PARAMETERS
a = 1.0
e = 0.5
day = 91.31
theta = 150



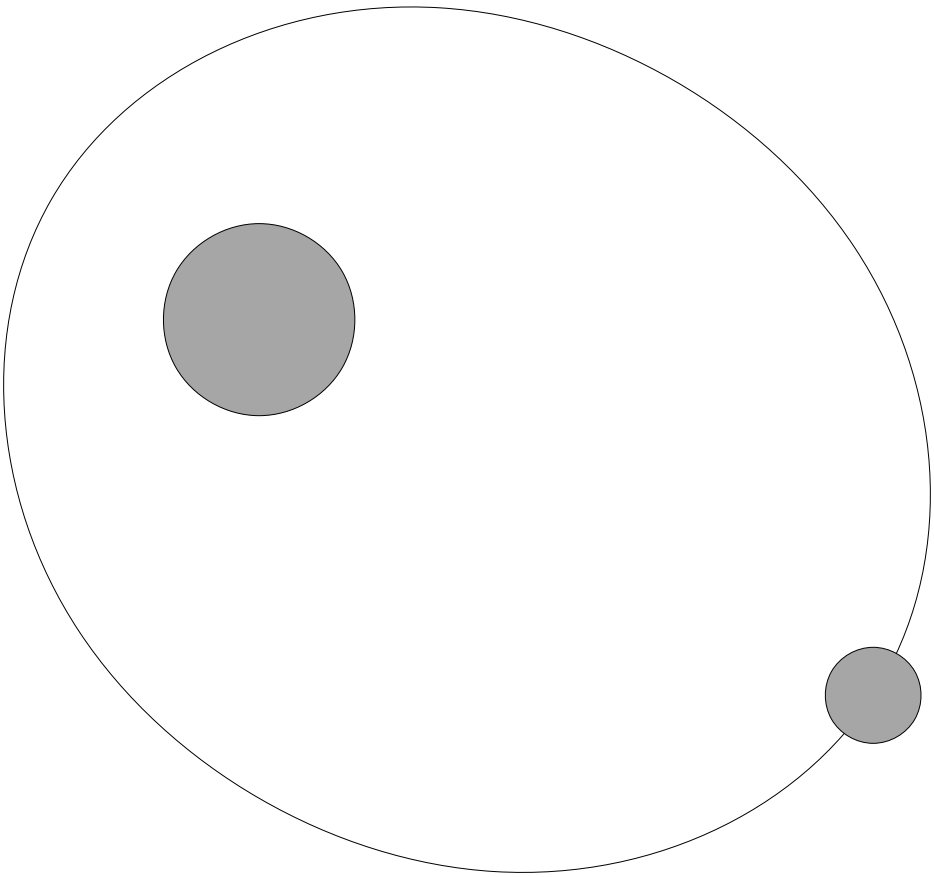
CURRENT PARAMETERS
a = 1.0
e = 0.5
day = 121.74
theta = 150



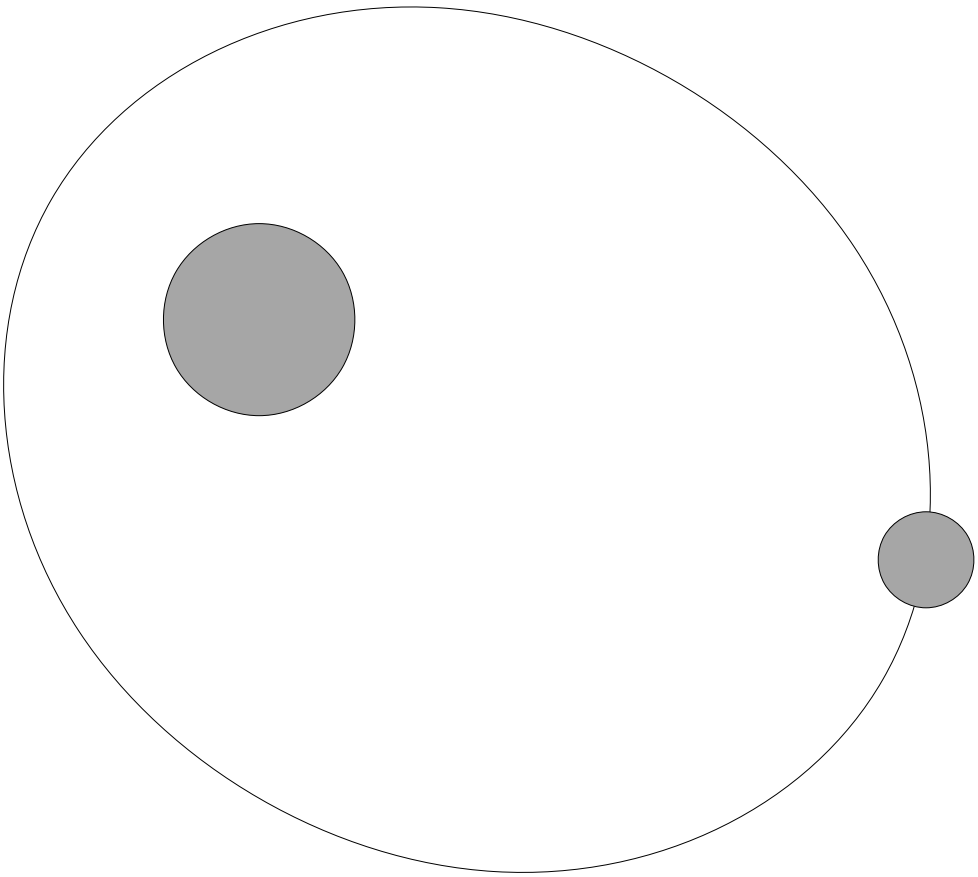
CURRENT PARAMETERS
a = 1.0
e = 0.5
day = 152.18
theta = 150



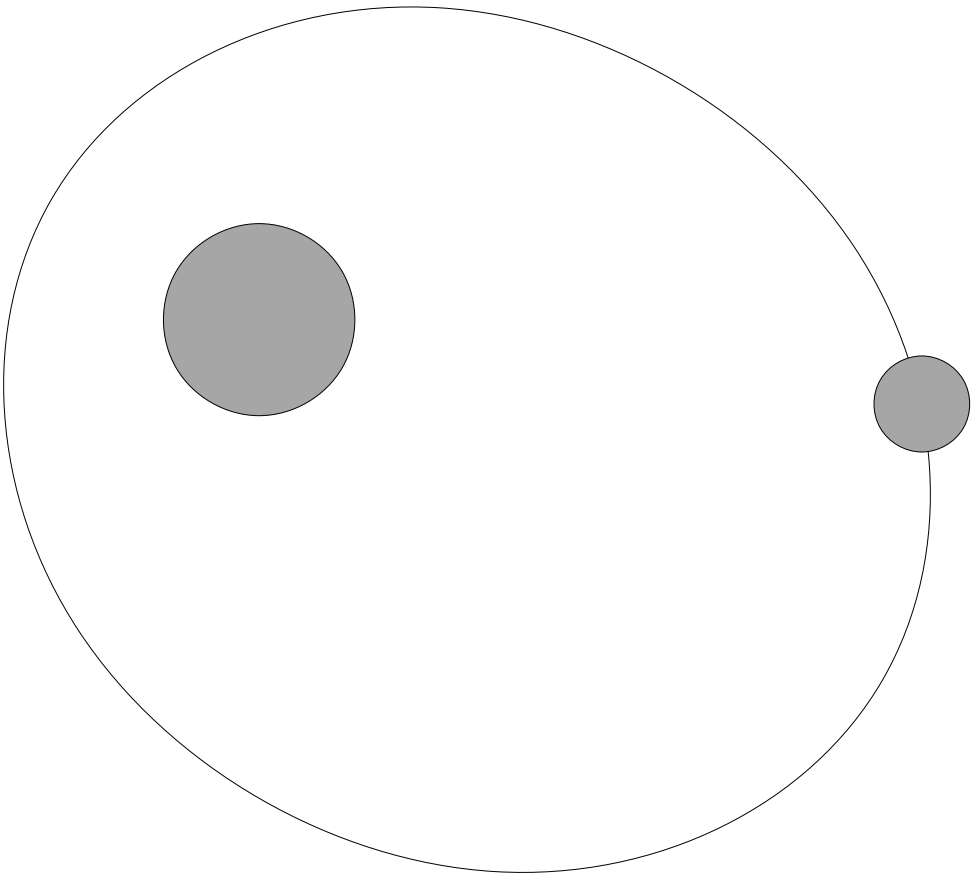
CURRENT PARAMETERS
a = 1.0
e = 0.5
day = 182.62
theta = 150



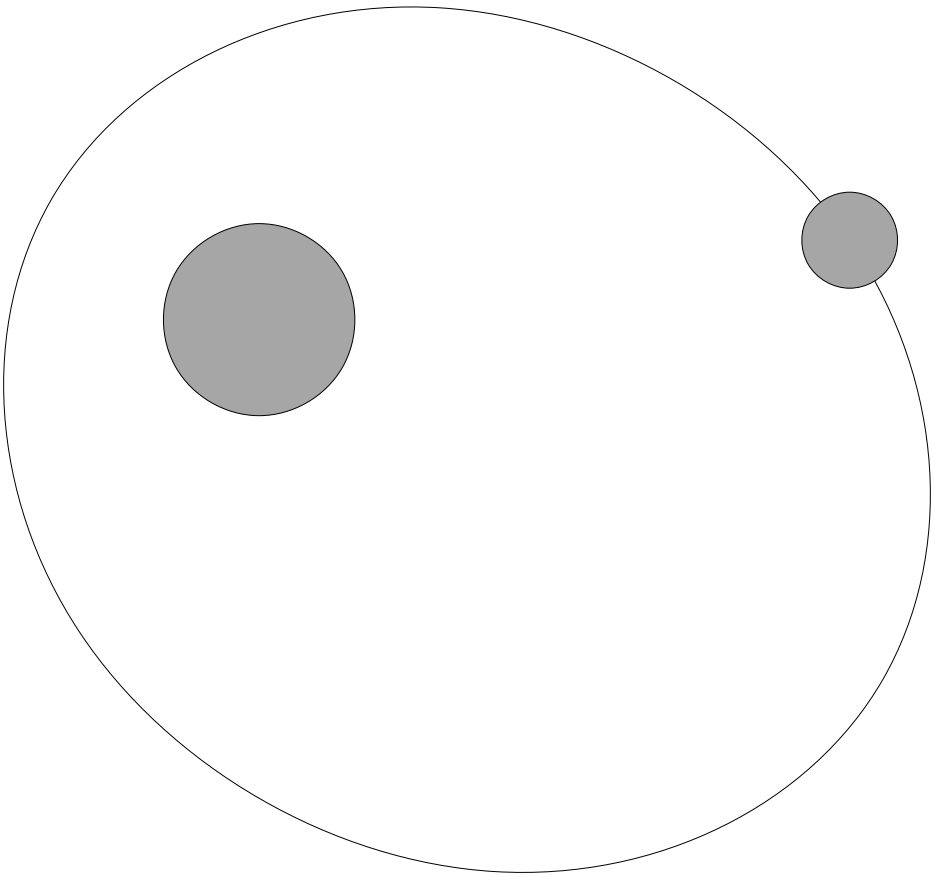
CURRENT PARAMETERS
a = 1.0
e = 0.5
day = 213.05
theta = 150



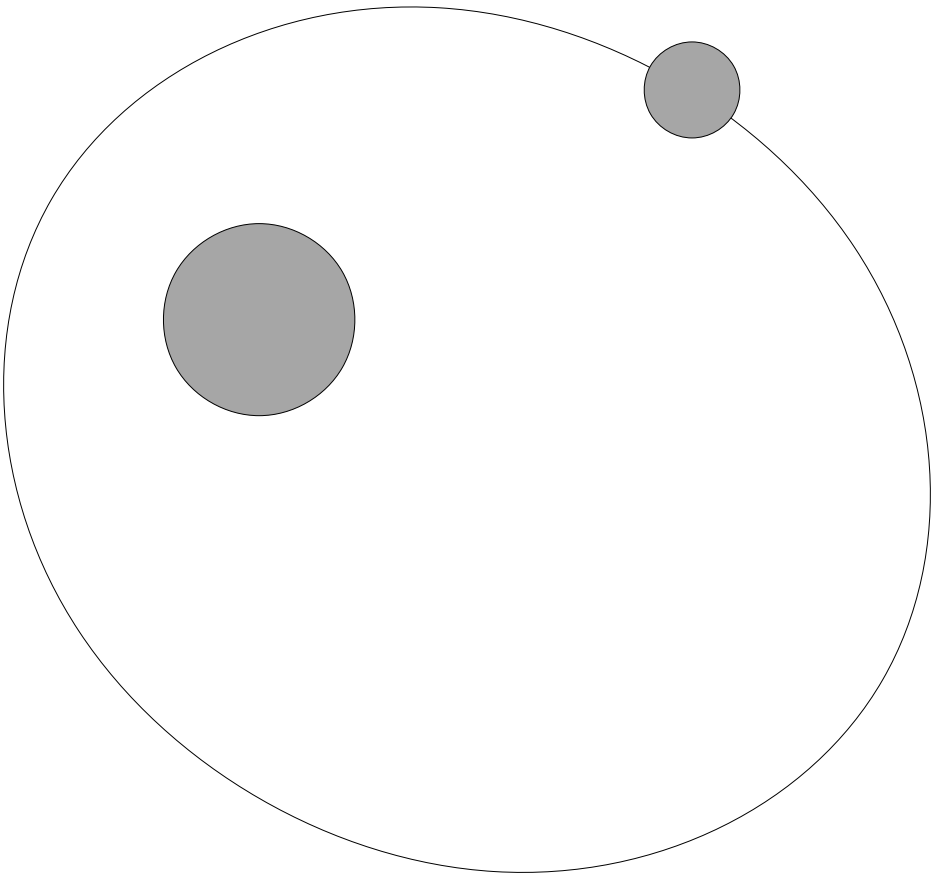
CURRENT PARAMETERS
a = 1.0
e = 0.5
day = 243.49
theta = 150



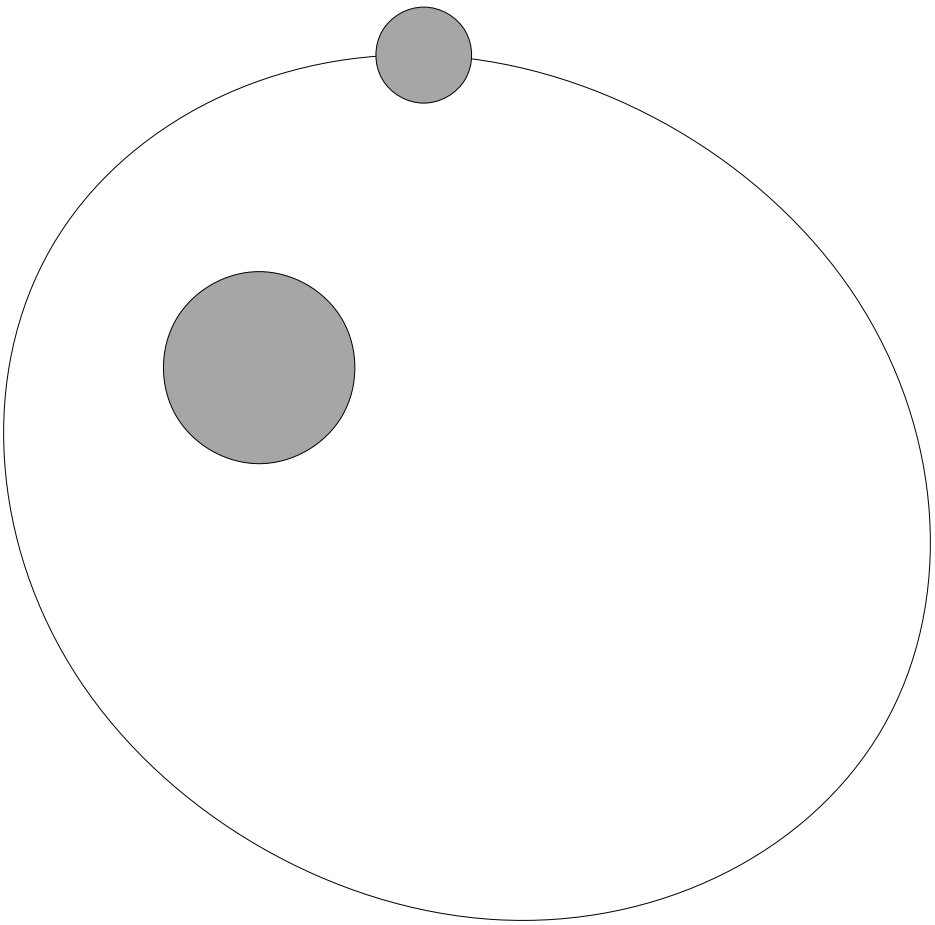
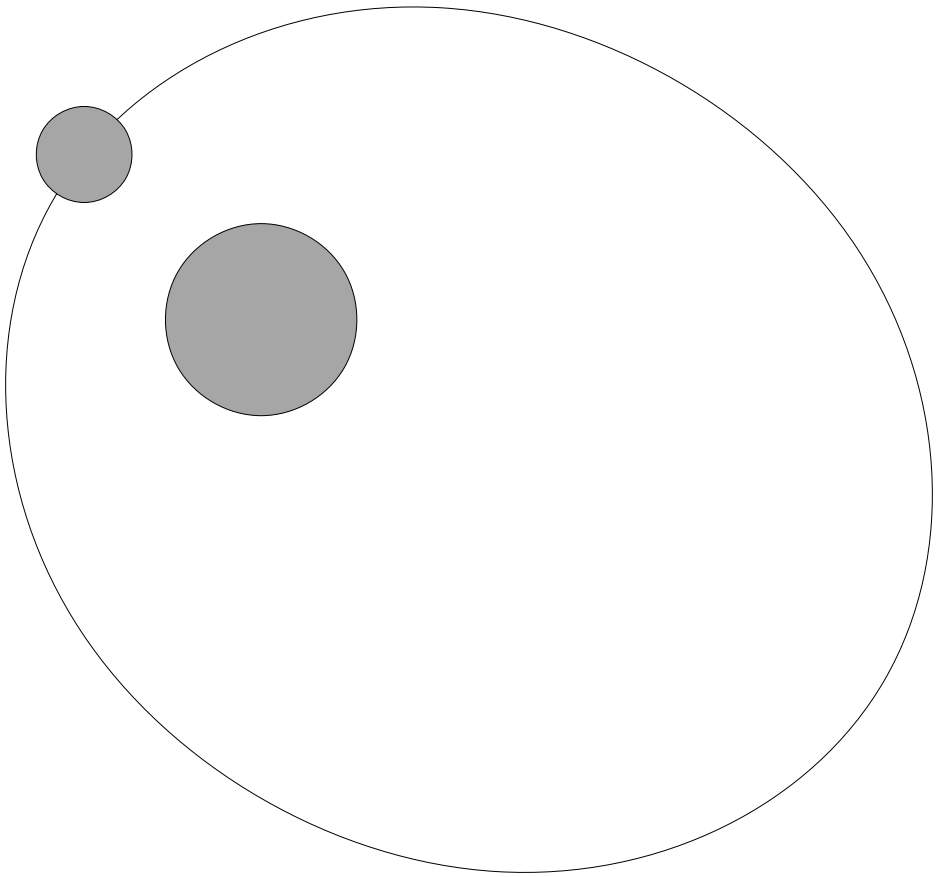
CURRENT PARAMETERS
a = 1.0
e = 0.5
day = 273.93
theta = 150



CURRENT PARAMETERS
a = 1.0
e = 0.5
day = 304.36
theta = 150



CURRENT PARAMETERS
a = 1.0
e = 0.5
day = 334.8
theta = 150



CURRENT PARAMETERS
a = 1.0
e = 0.5
day = 365.24
theta = 150