theta = 0.0132
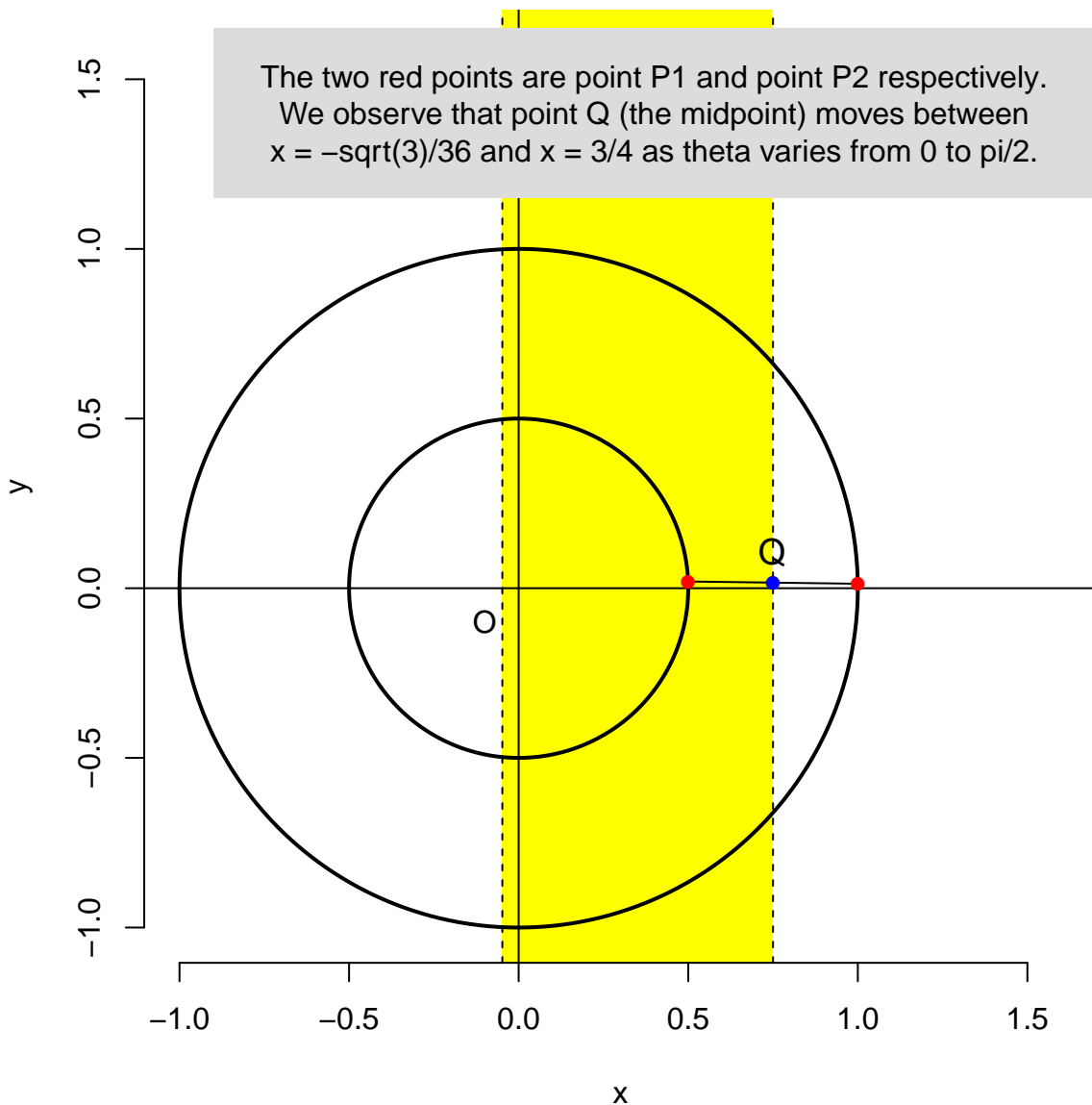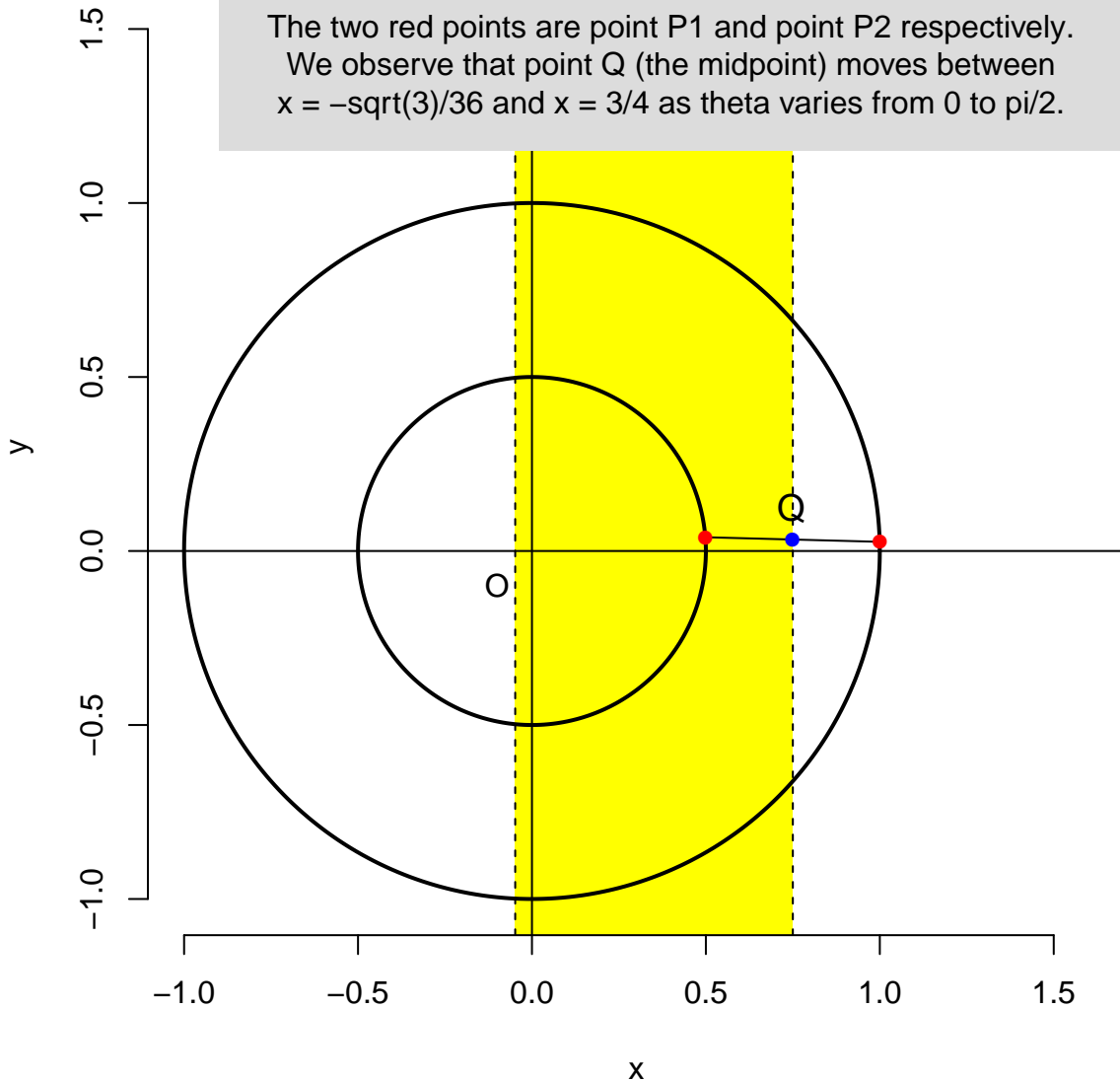
The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

theta = 0.0264

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

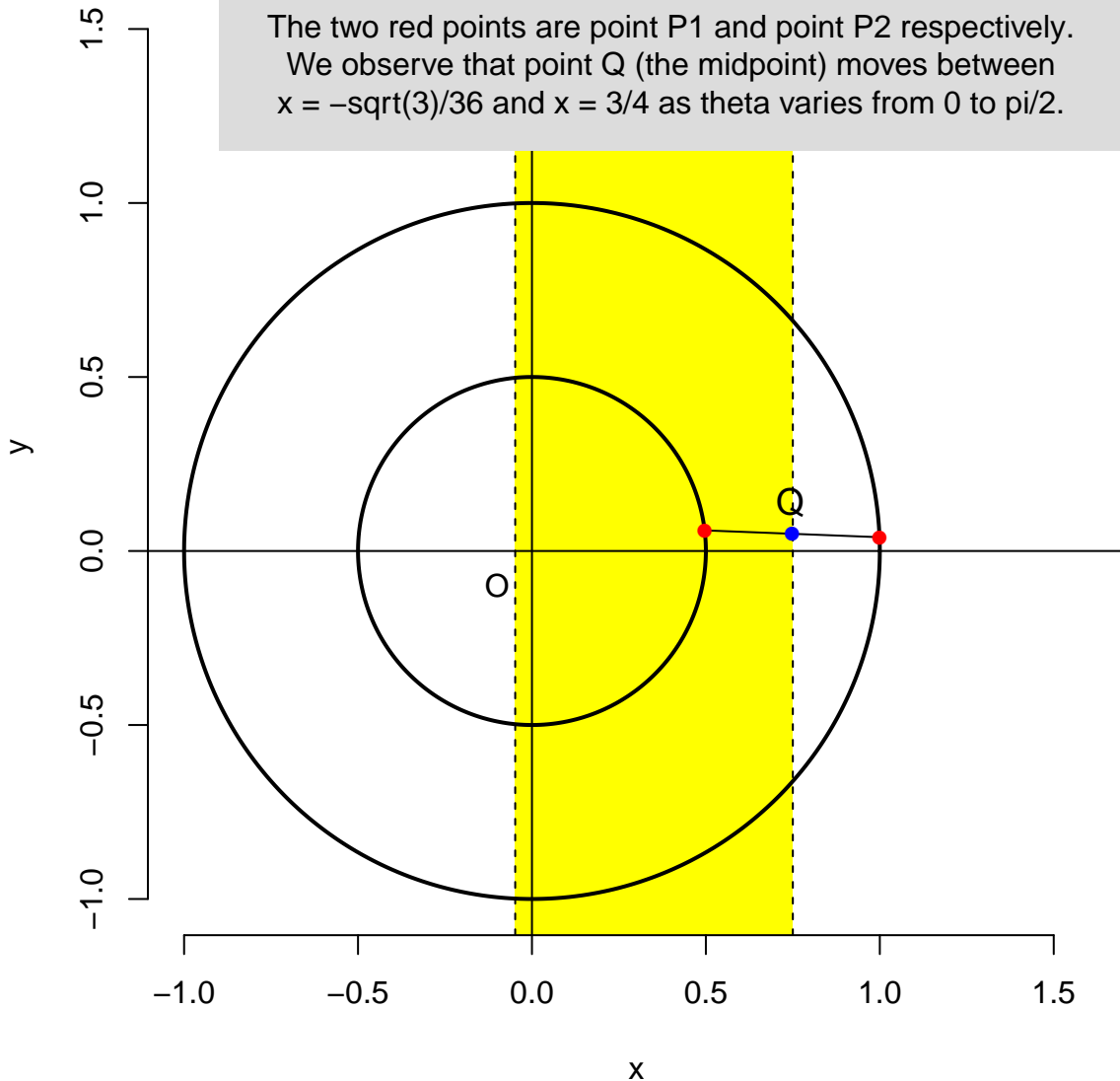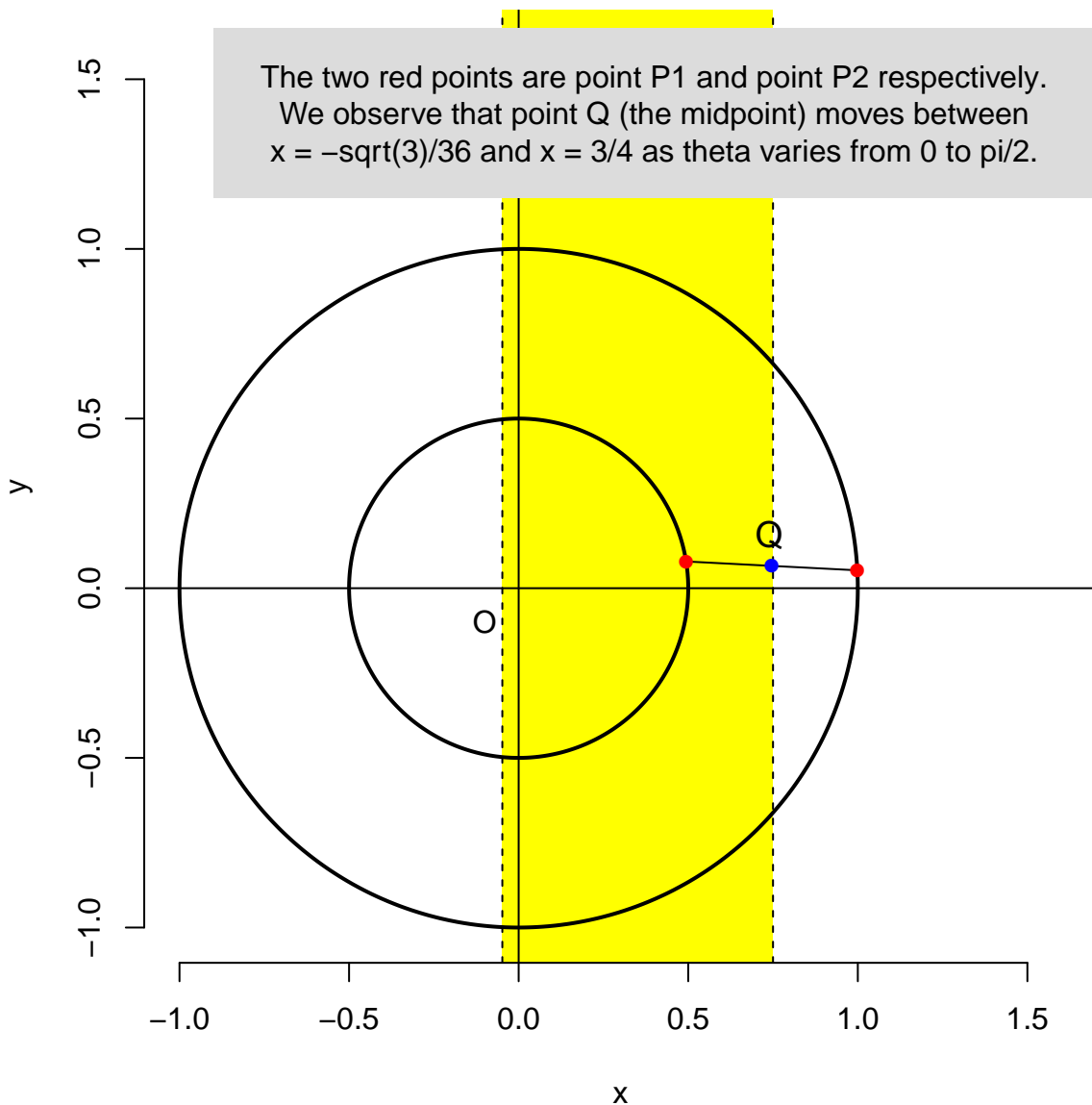**theta = 0.0396**

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.
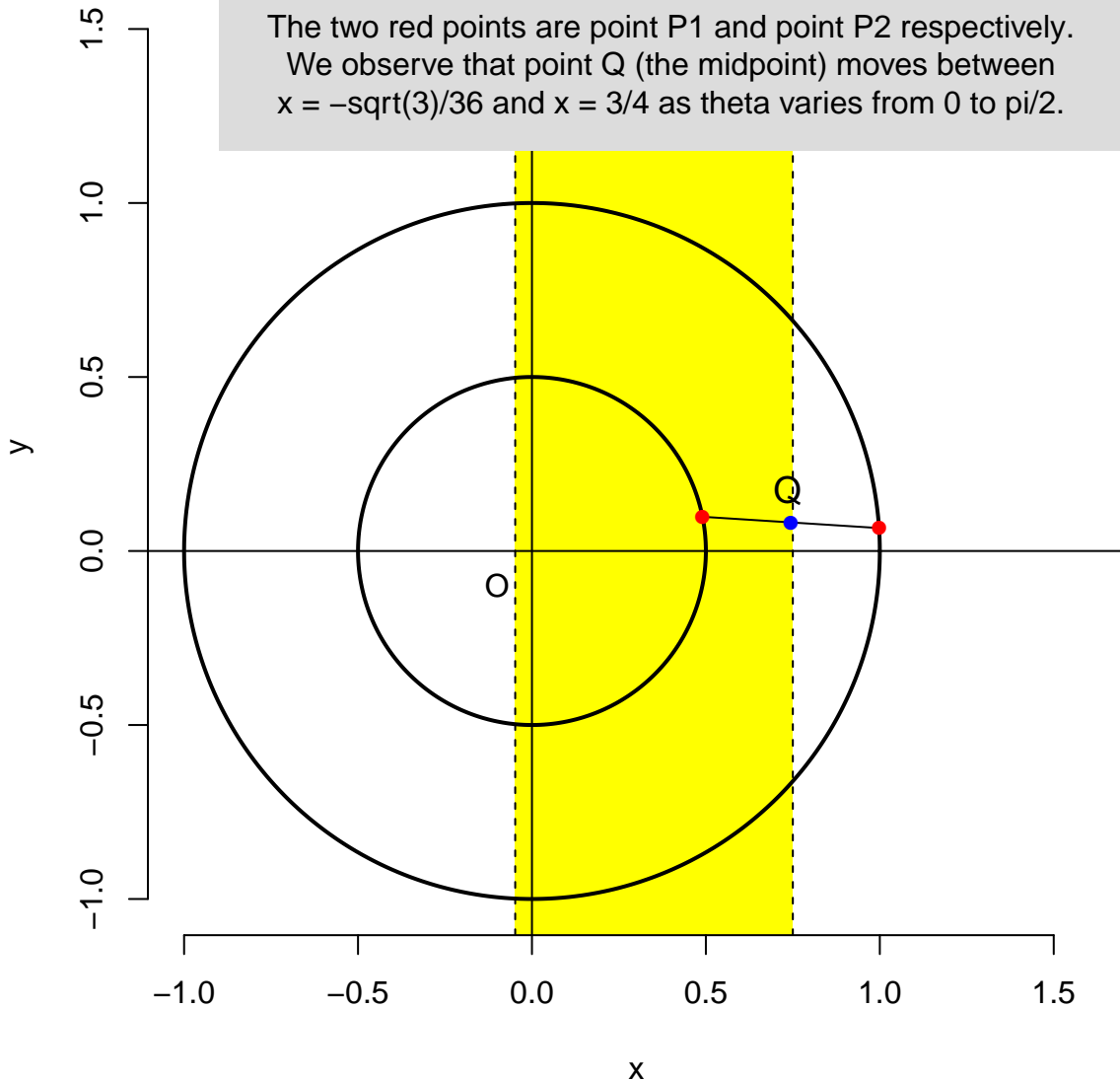
theta = 0.0528

The two red points are point P1 and point P2 respectively.
We observe that point Q (the midpoint) moves between
x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

theta = 0.066

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

theta = 0.0792

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between $x = -\sqrt{3}/36$ and $x = 3/4$ as theta varies from 0 to pi/2.
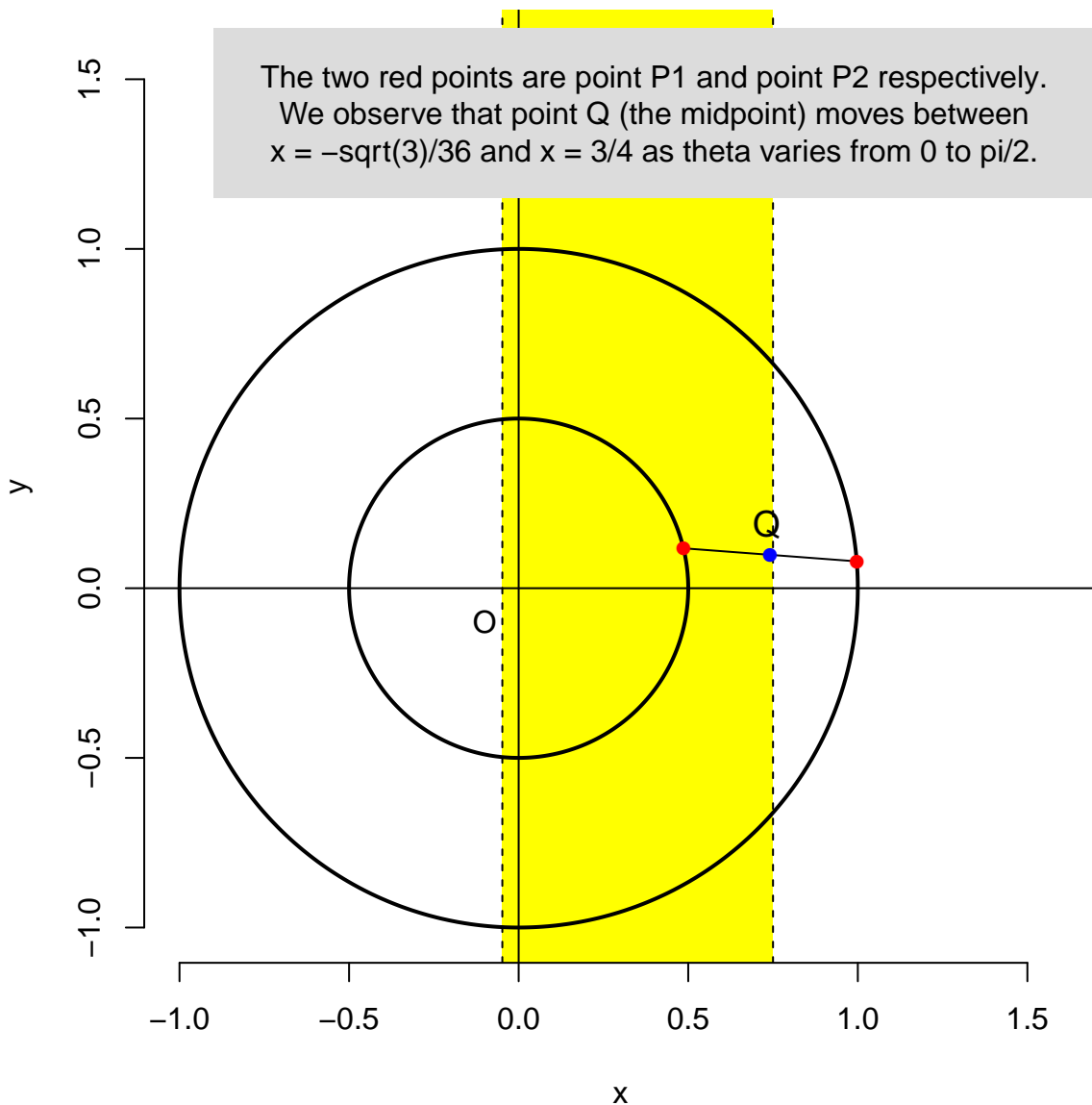
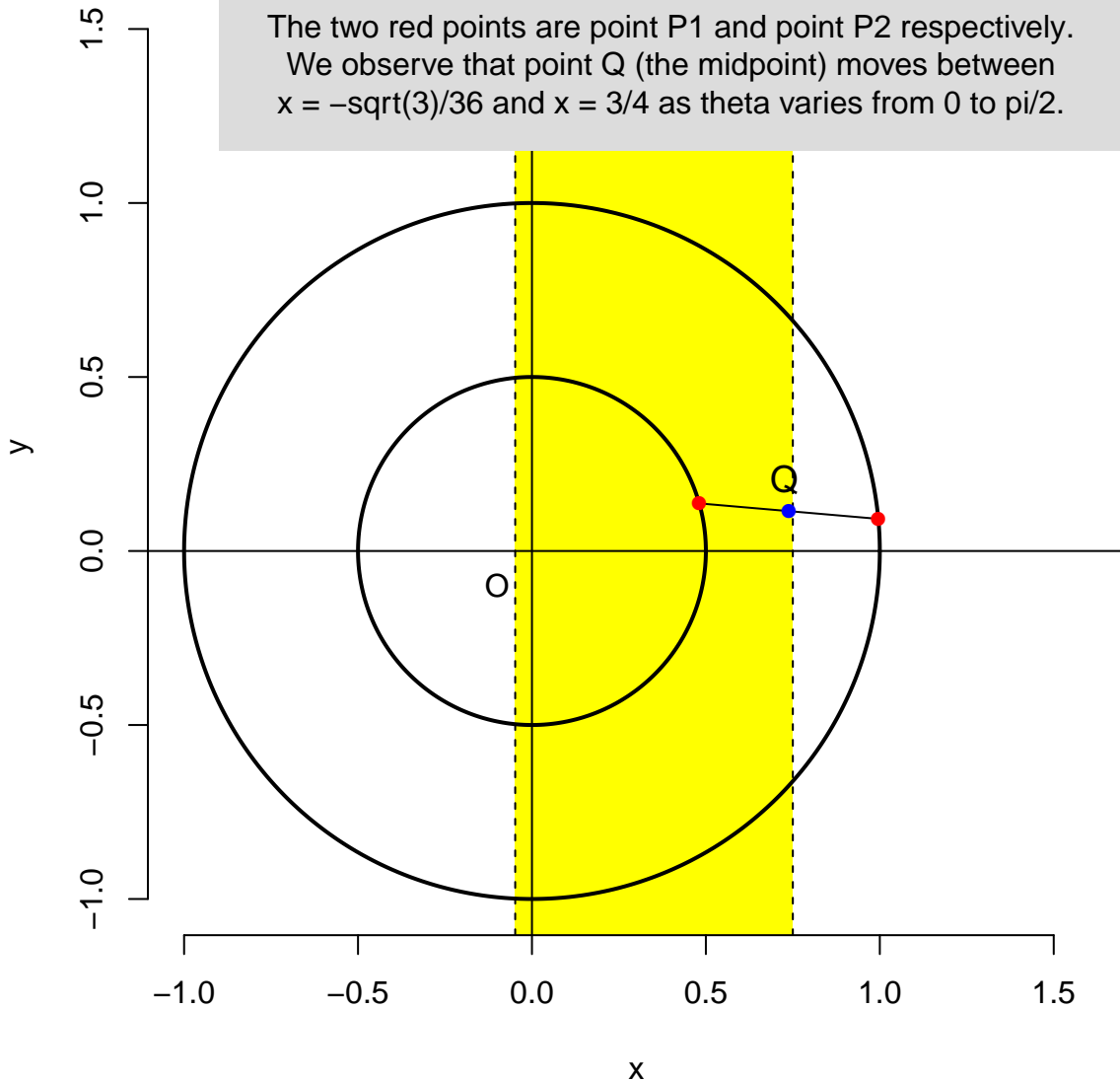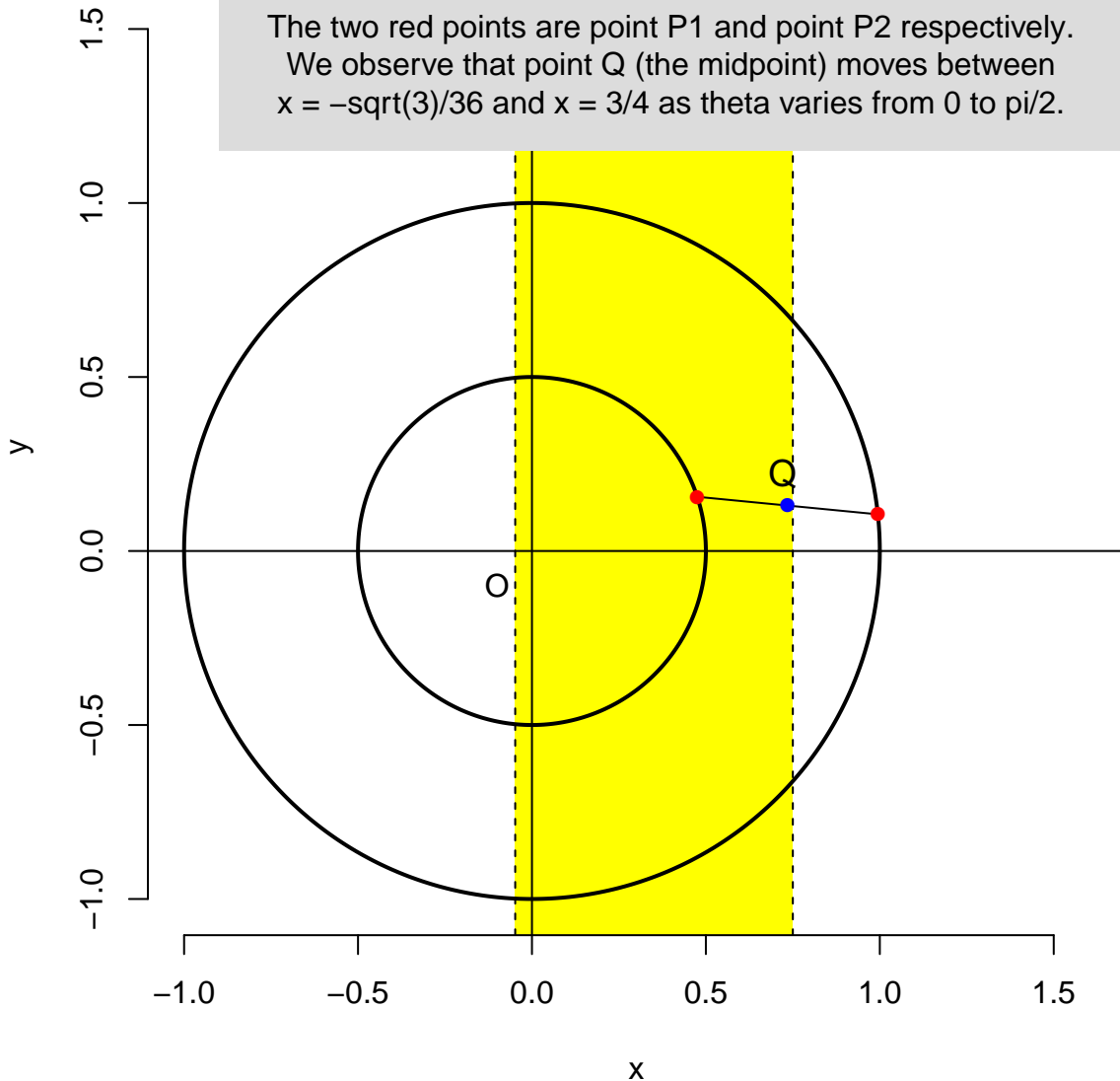**theta = 0.0924**

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

theta = 0.1056

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

theta = 0.1188

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between $x = -\sqrt{3}/36$ and $x = 3/4$ as theta varies from 0 to pi/2.
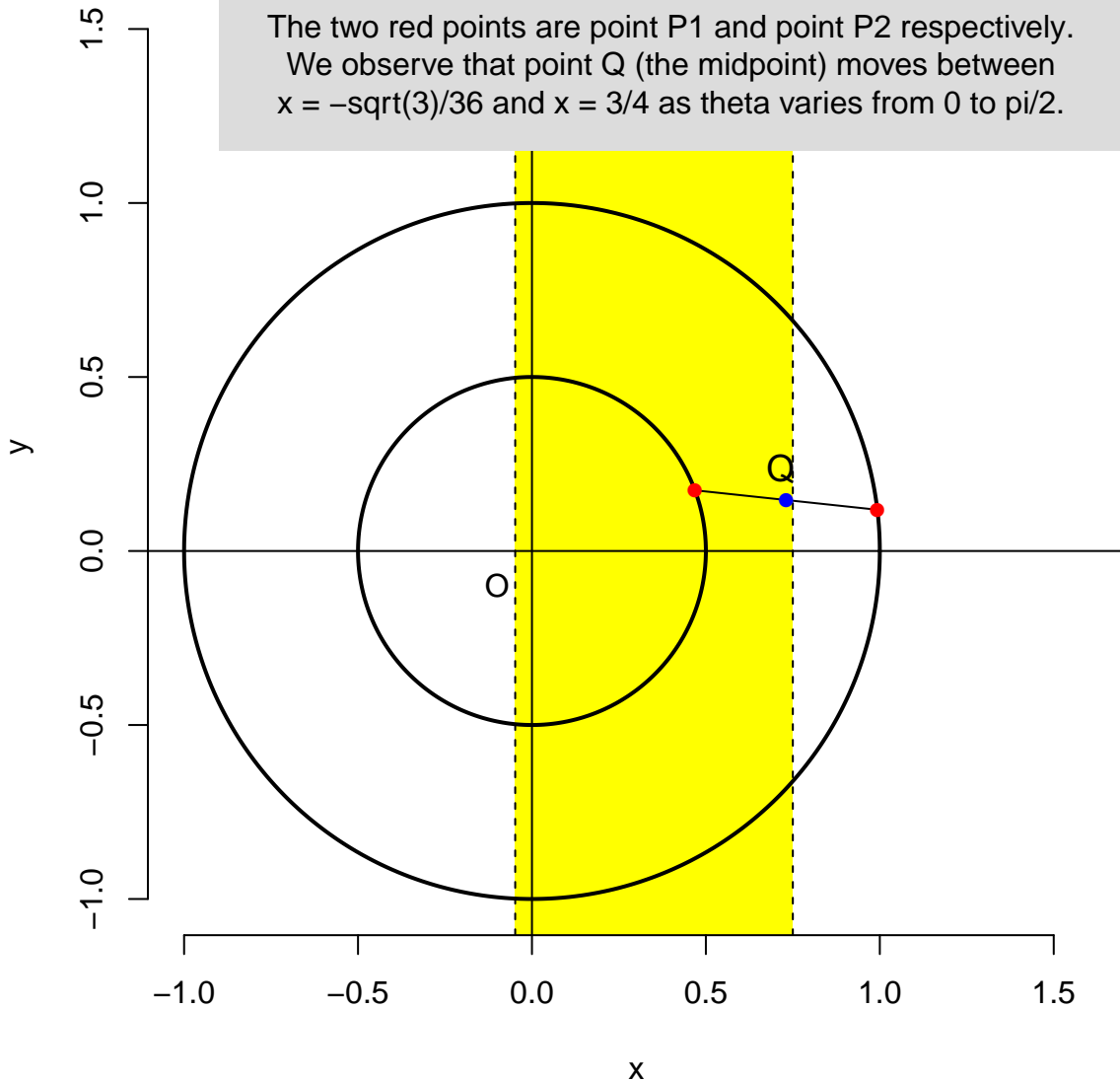
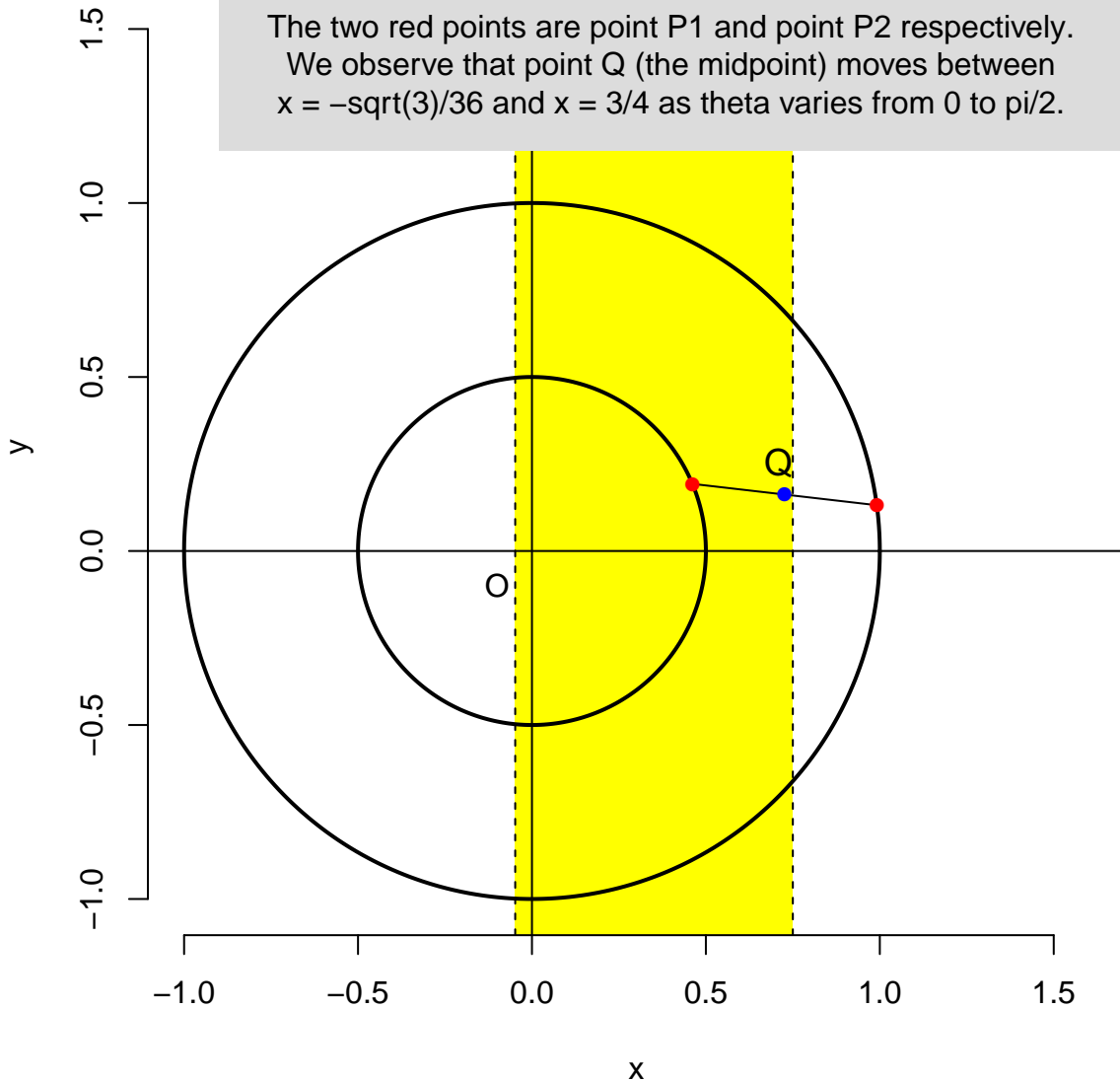**theta = 0.132**

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

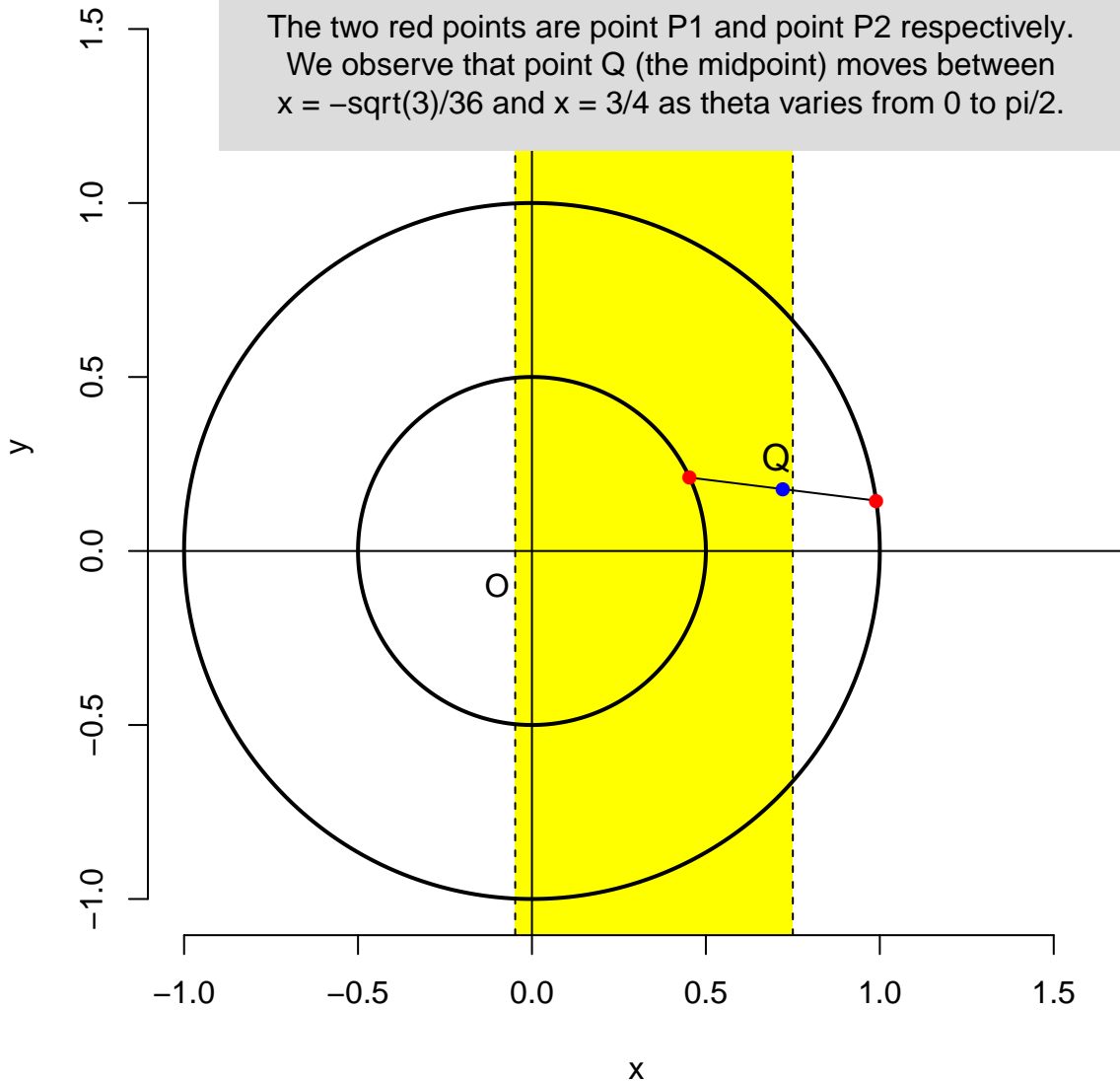**theta = 0.1452**

The two red points are point P1 and point P2 respectively.
We observe that point Q (the midpoint) moves between
x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

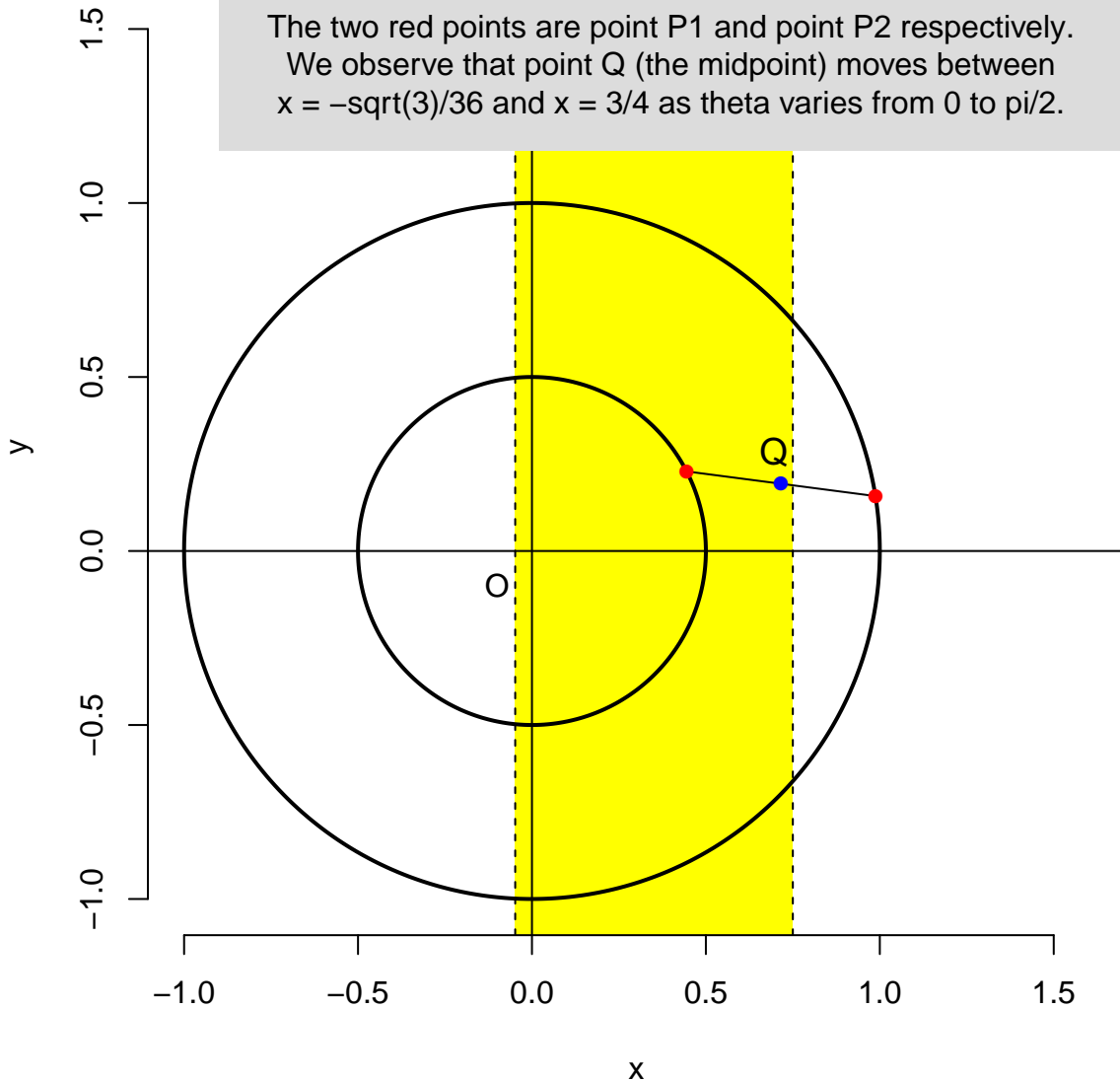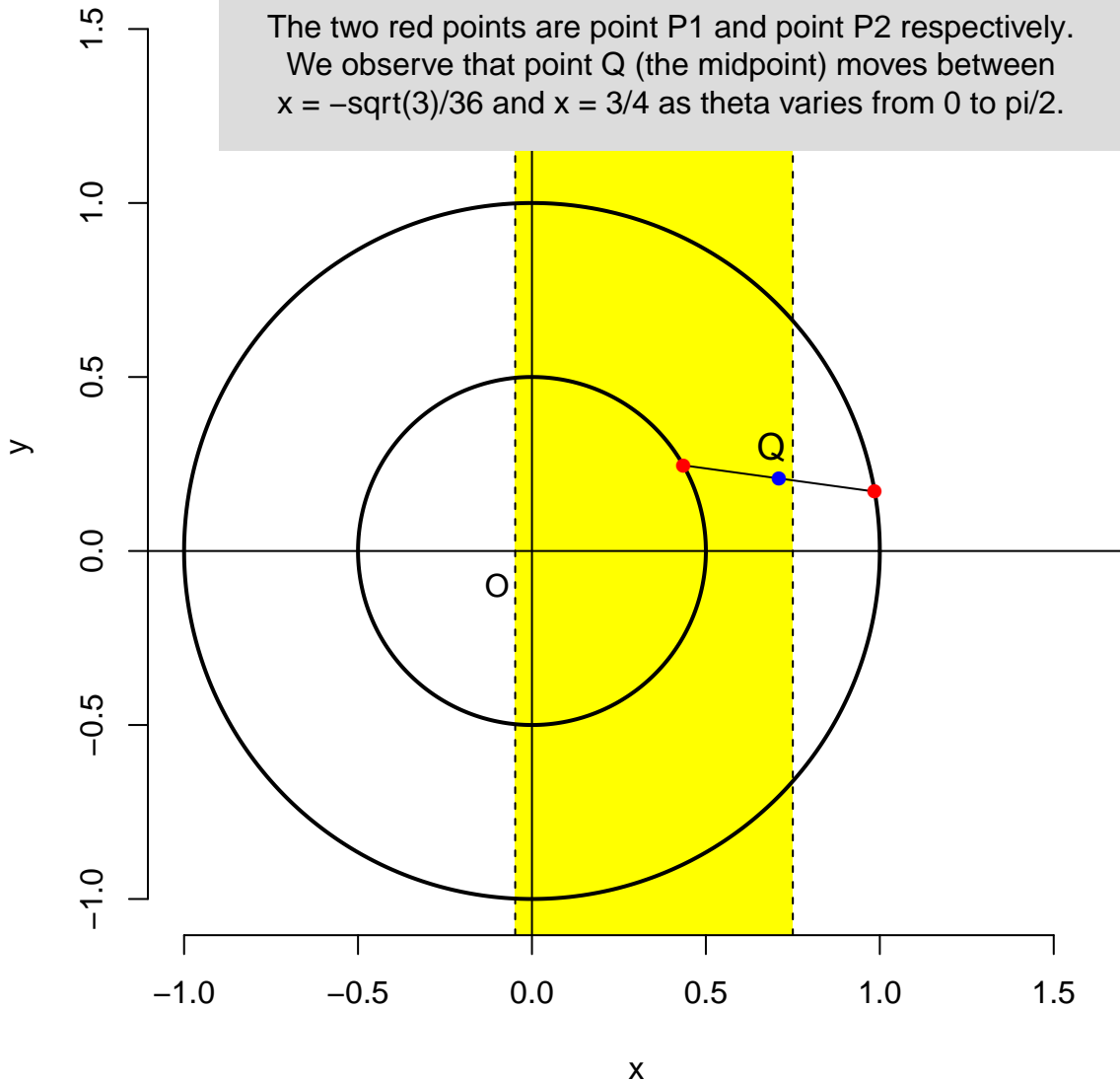# theta = 0.1584

The two red points are point P1 and point P2 respectively.
We observe that point Q (the midpoint) moves between
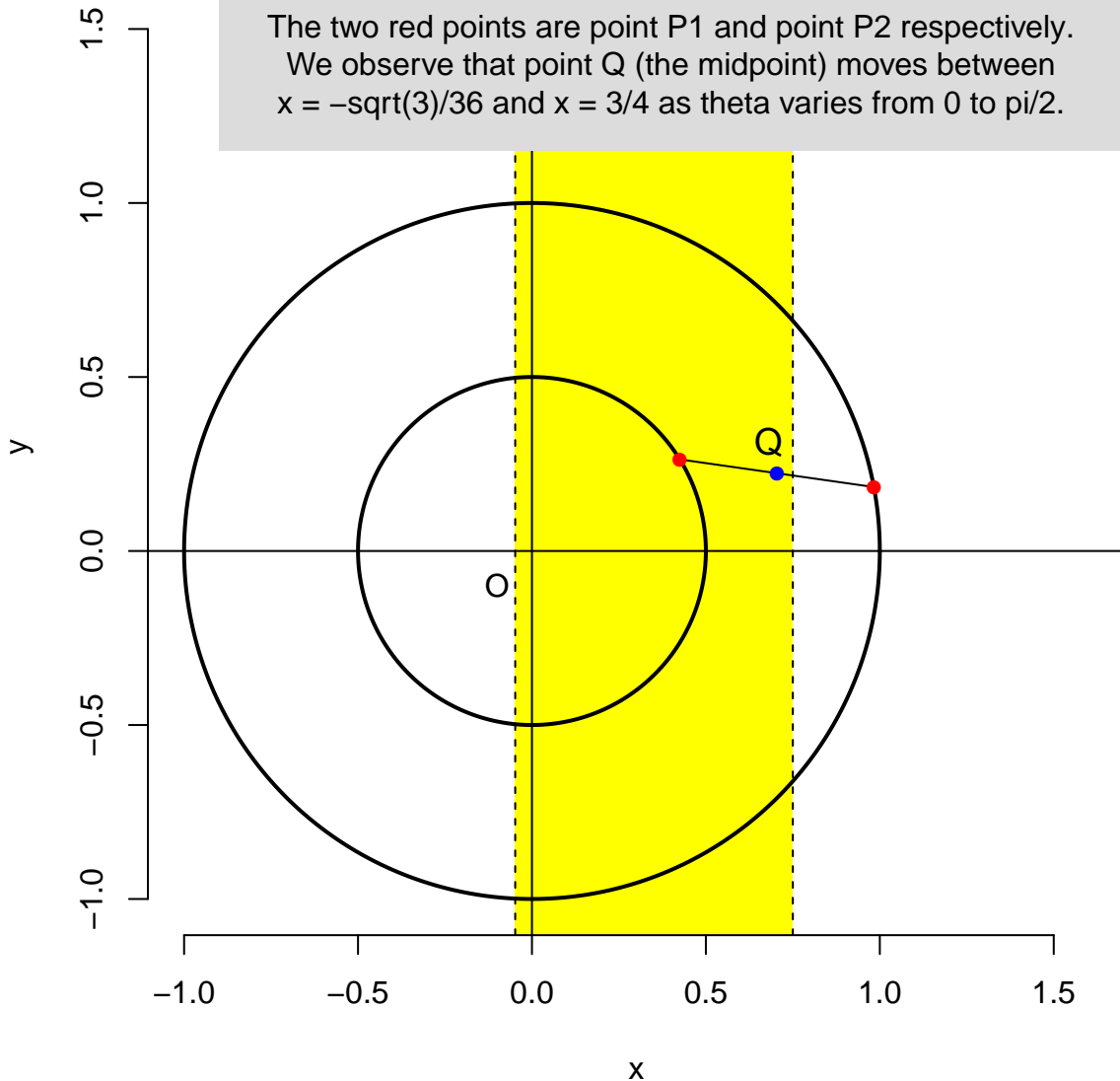x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

theta = 0.1716

The two red points are point P1 and point P2 respectively.
We observe that point Q (the midpoint) moves between
x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

theta = 0.1848

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

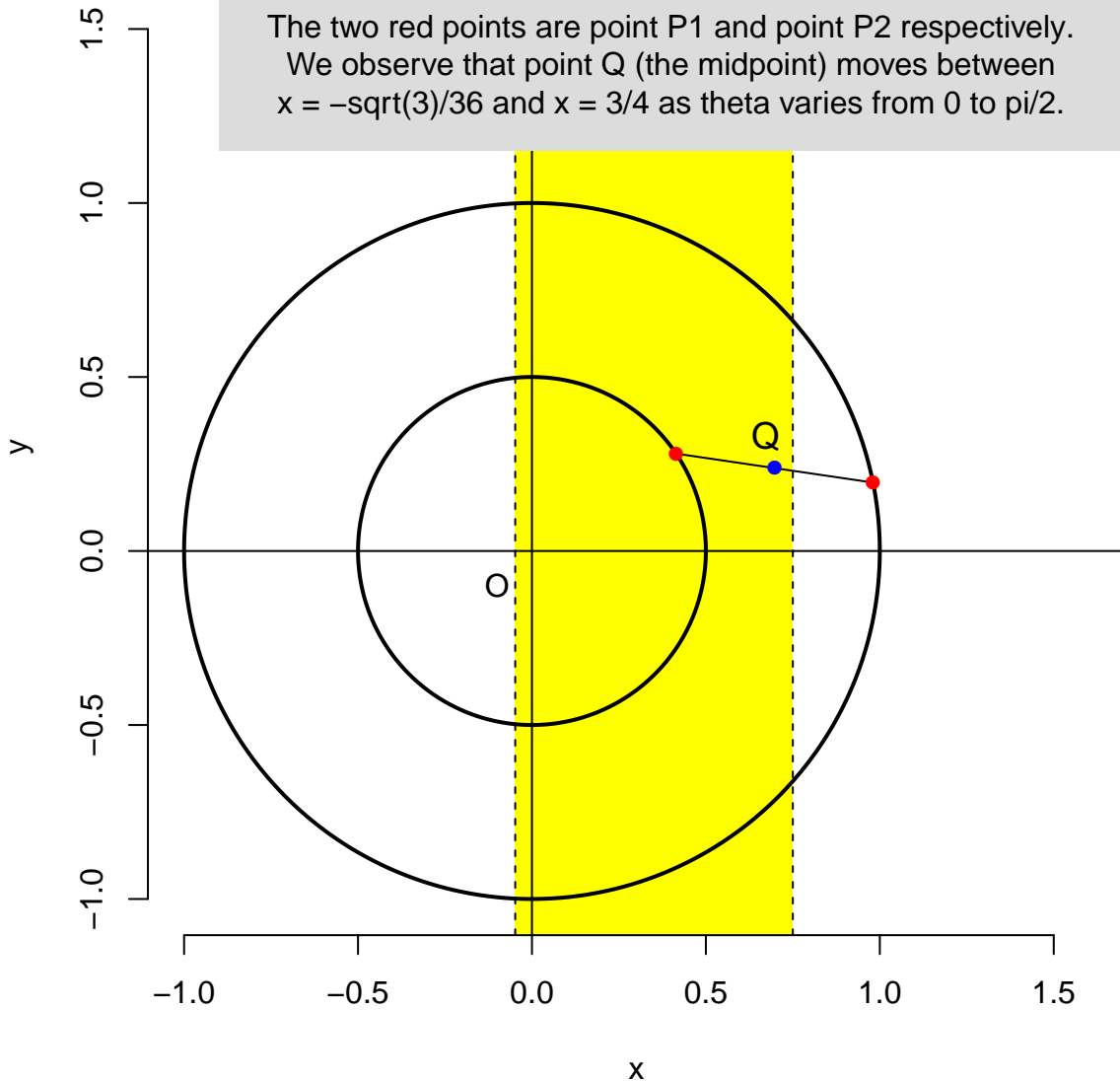# theta = 0.198

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

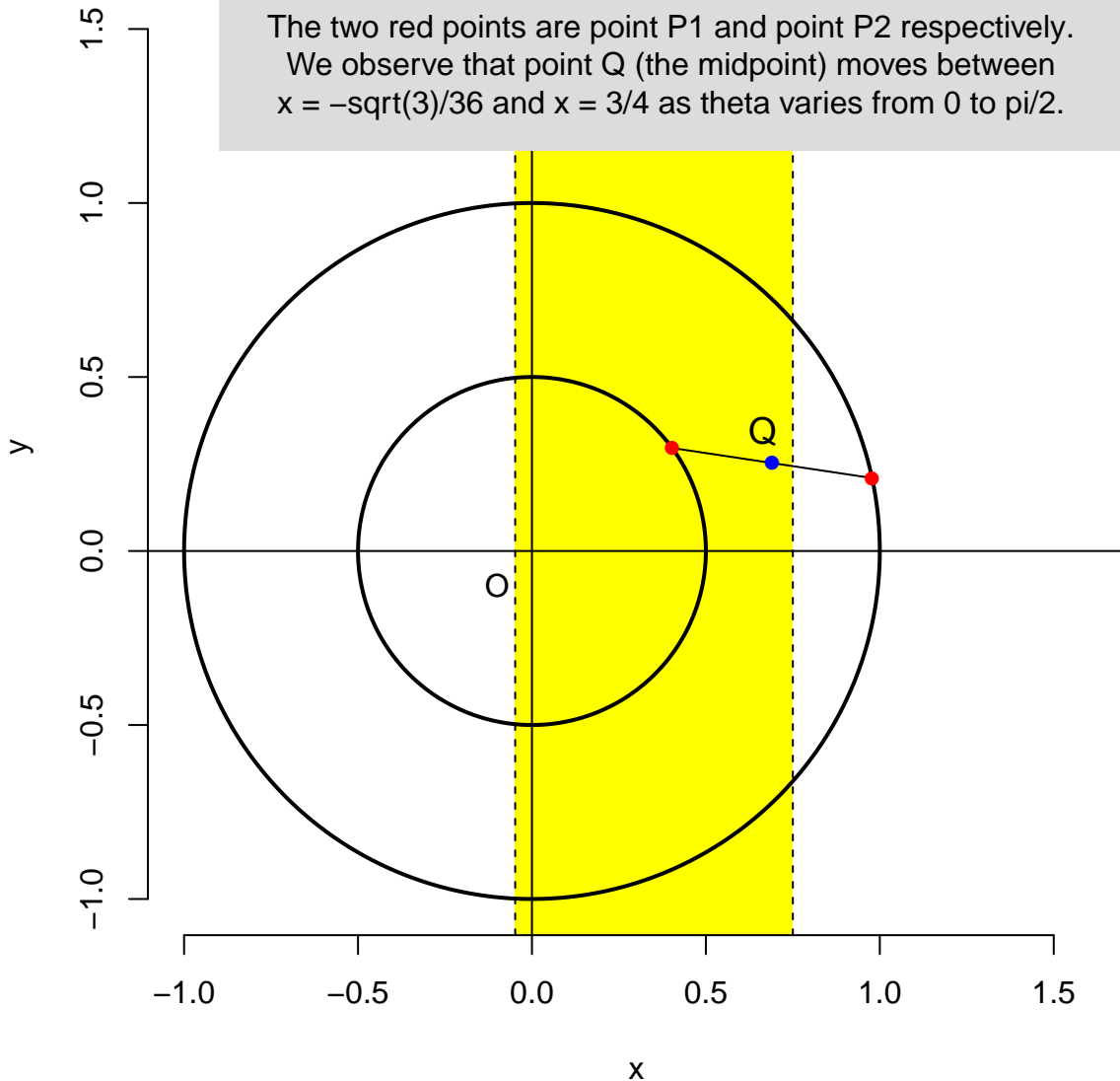# theta = 0.2112

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

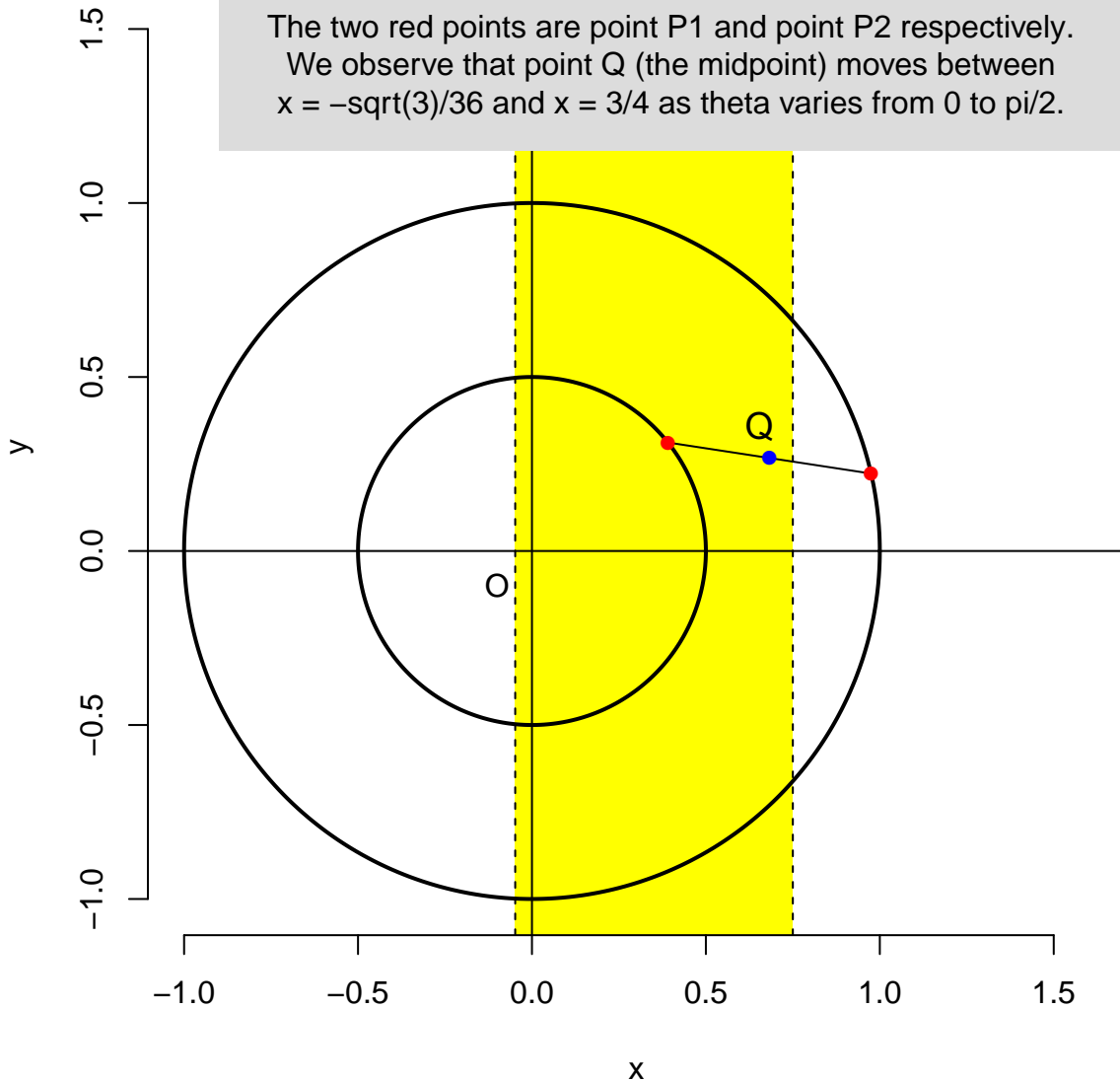**theta = 0.2244**

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

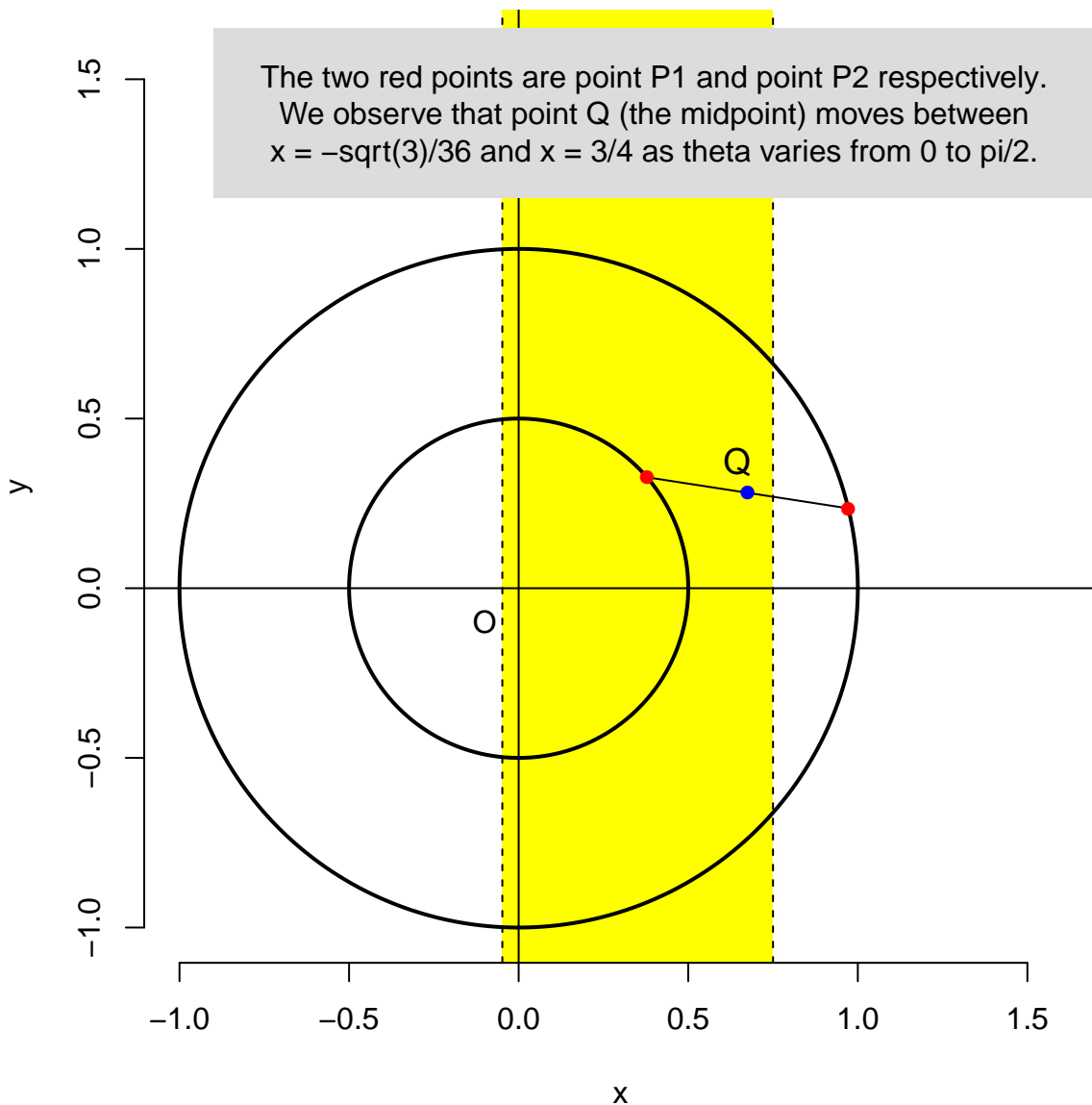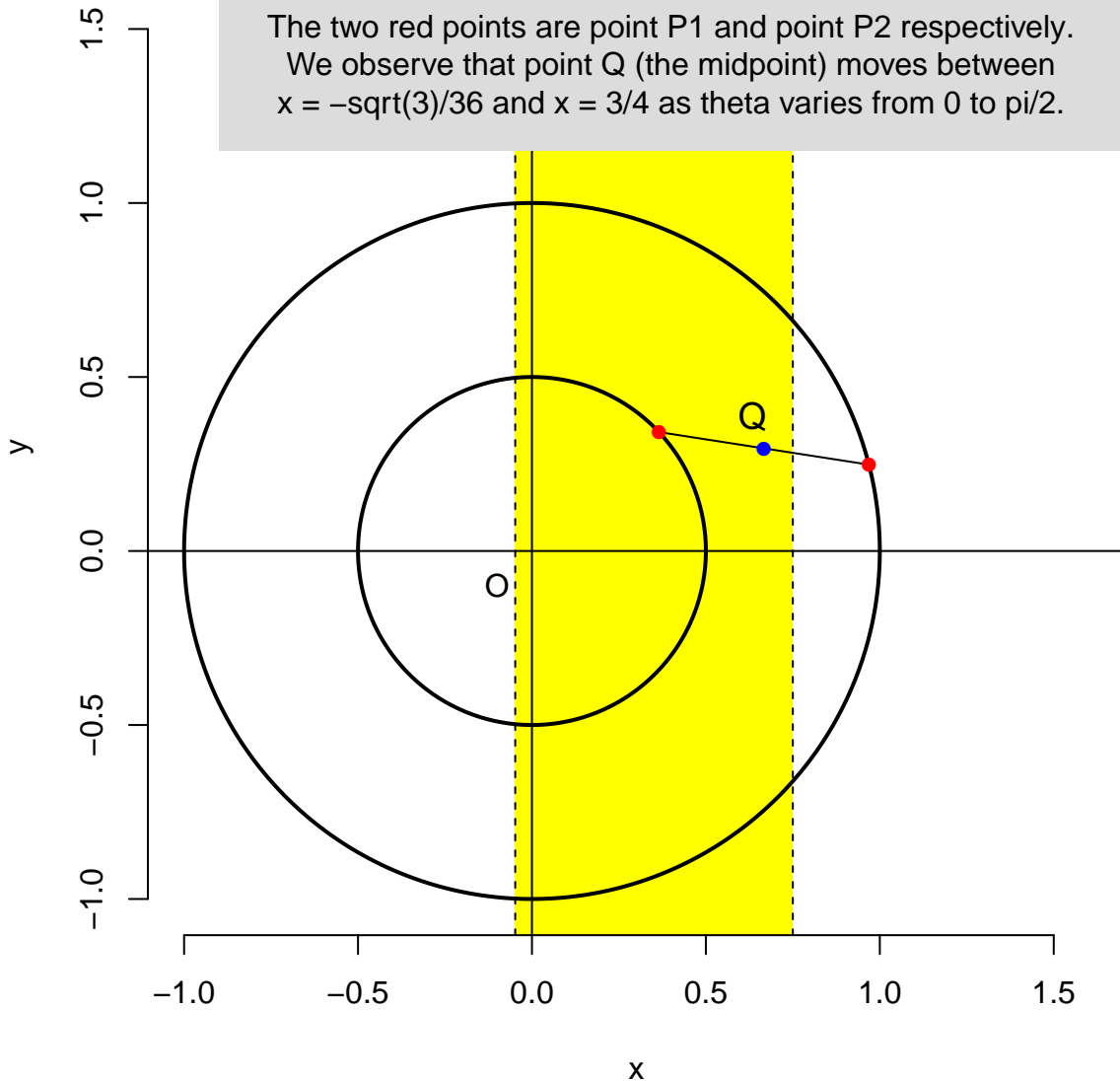# theta = 0.2376

The two red points are point P1 and point P2 respectively.
We observe that point Q (the midpoint) moves between
x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

Q

O

theta = 0.2508

The two red points are point P1 and point P2 respectively.
We observe that point Q (the midpoint) moves between
x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

theta = 0.264

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between $x = -\sqrt{3}/36$ and $x = 3/4$ as theta varies from 0 to pi/2.
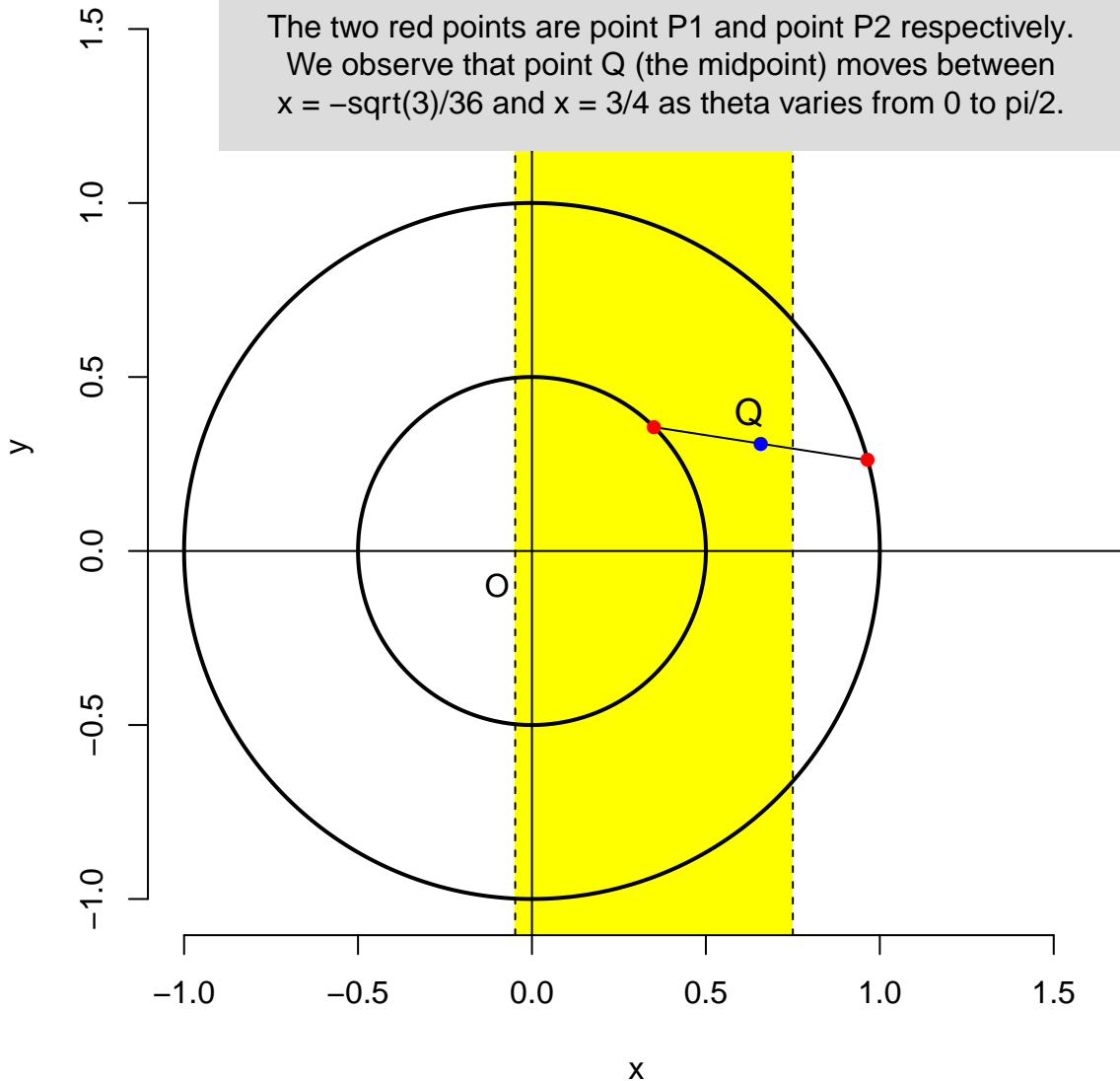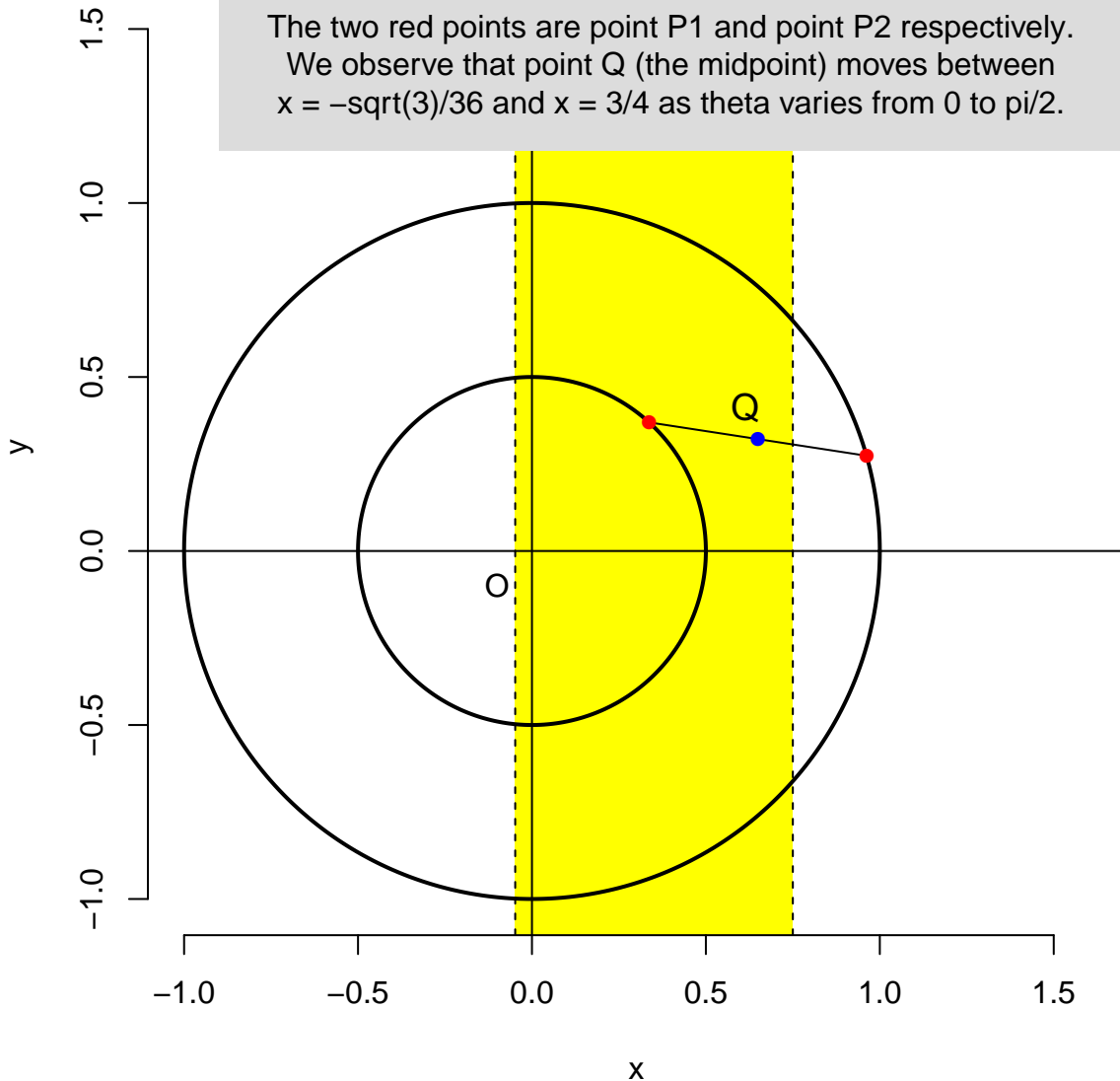
theta = 0.2772

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

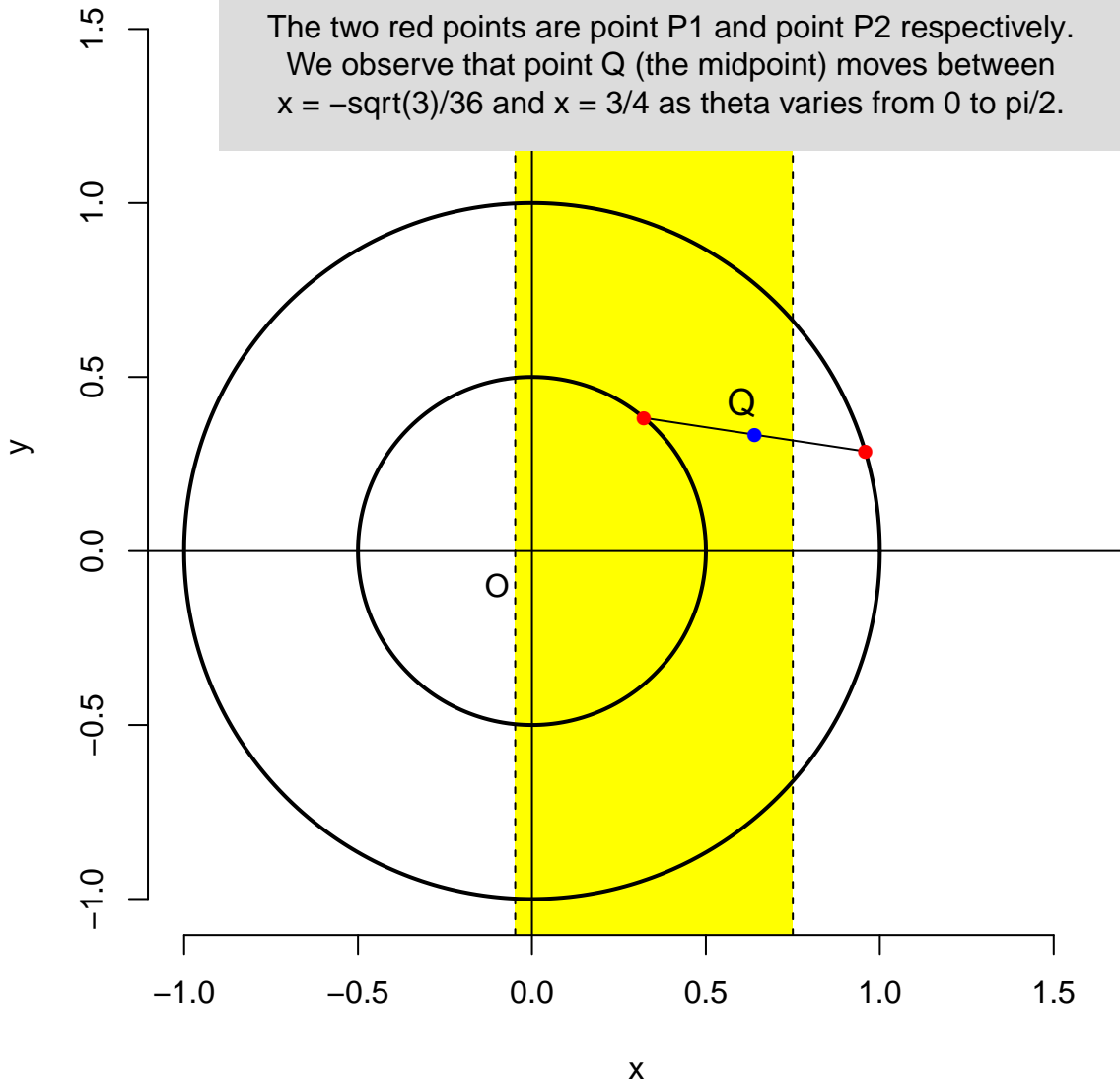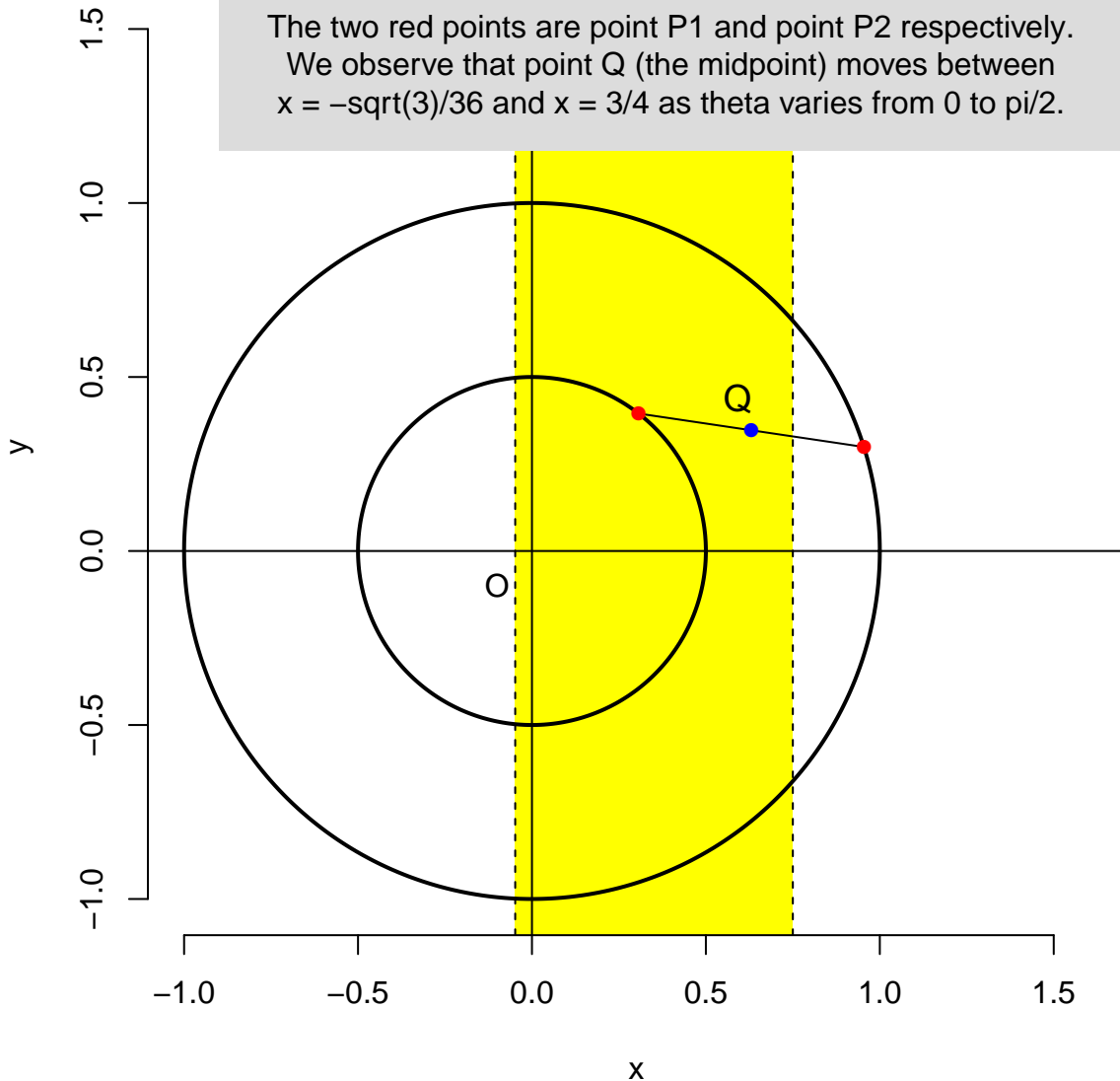**theta = 0.2904**

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

theta = 0.3036

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

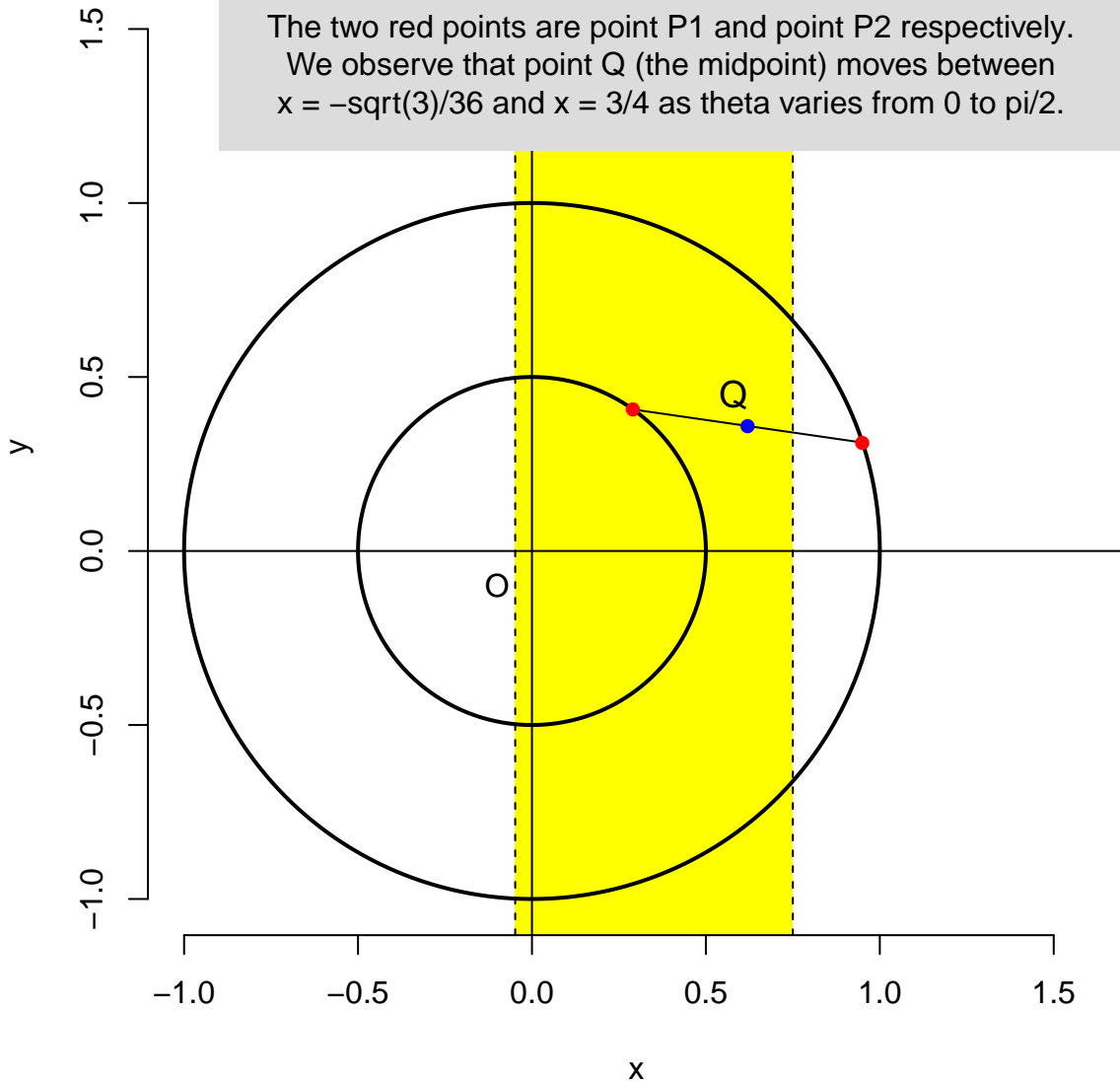**theta = 0.3168**

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

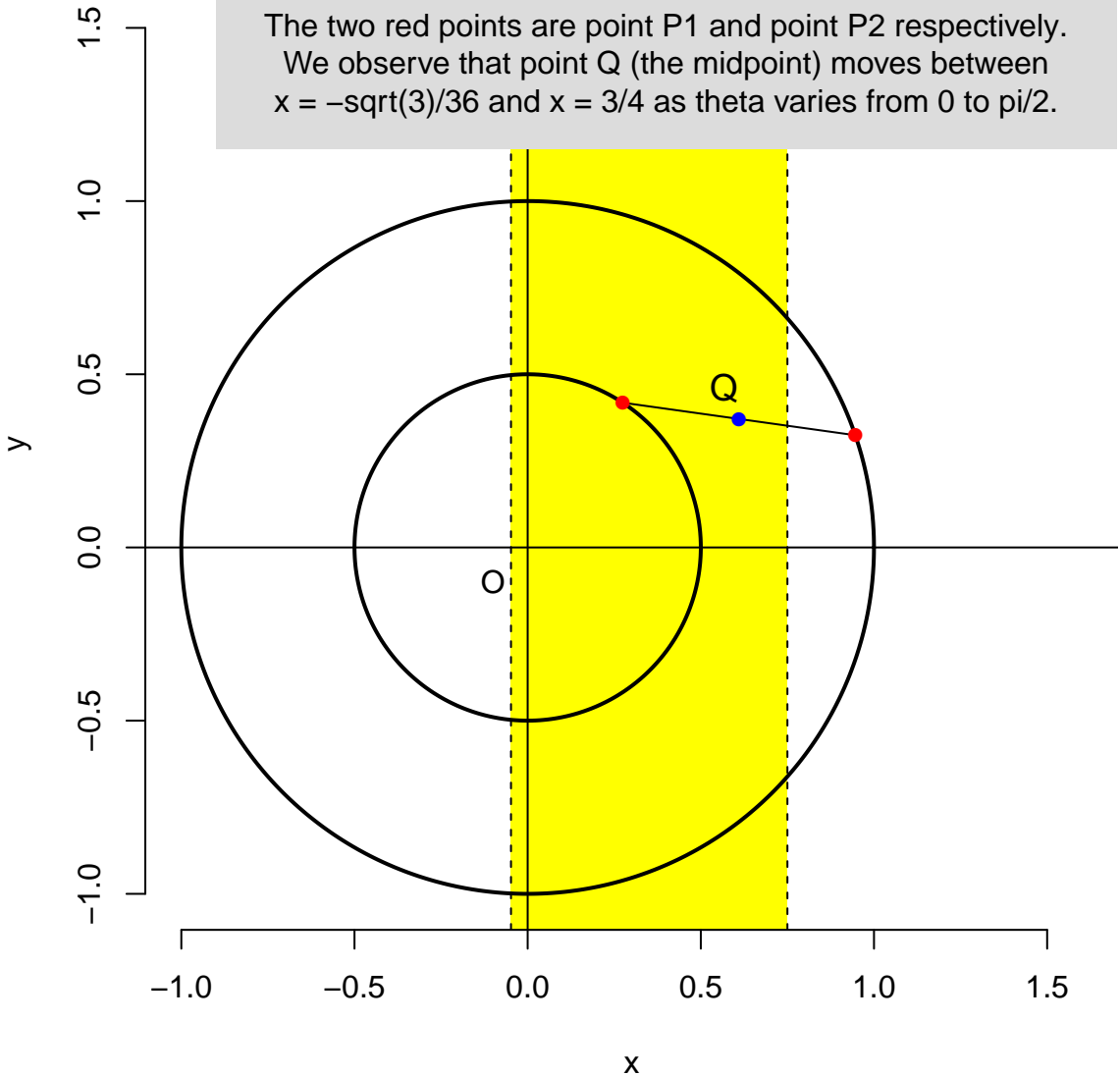**theta = 0.33**

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.
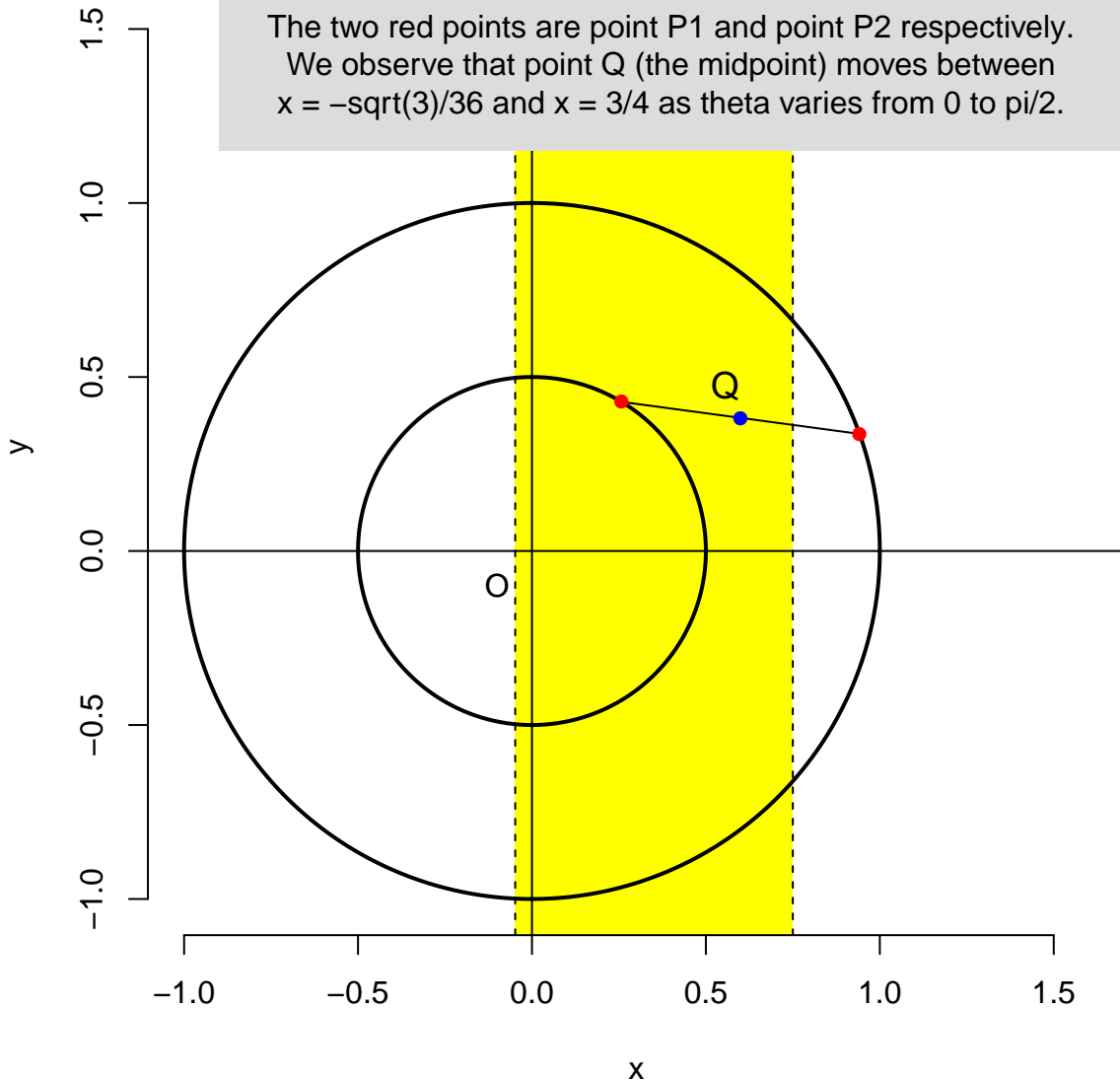
theta = 0.3432

The two red points are point P1 and point P2 respectively.
We observe that point Q (the midpoint) moves between
x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

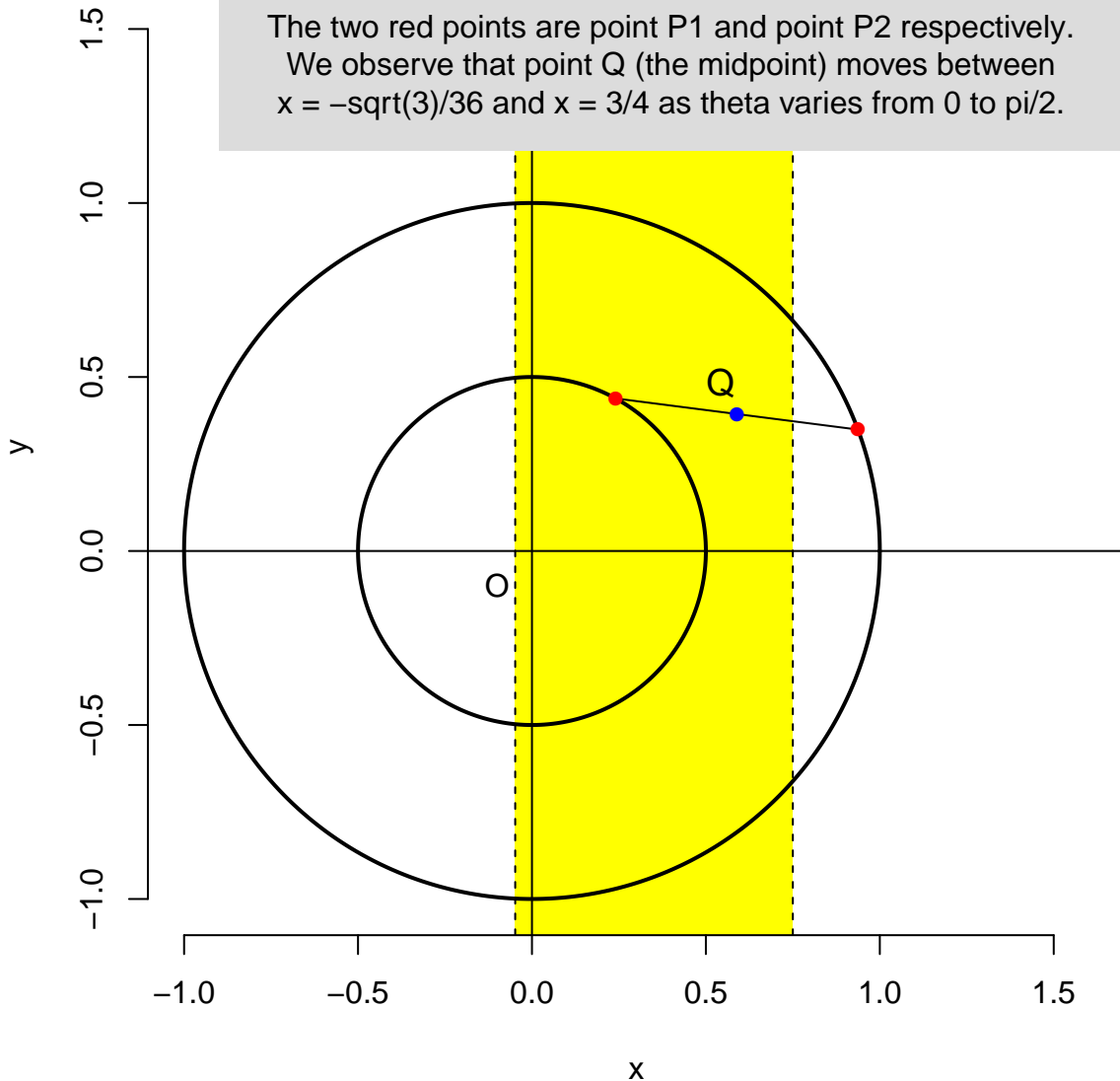**theta = 0.3564**

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

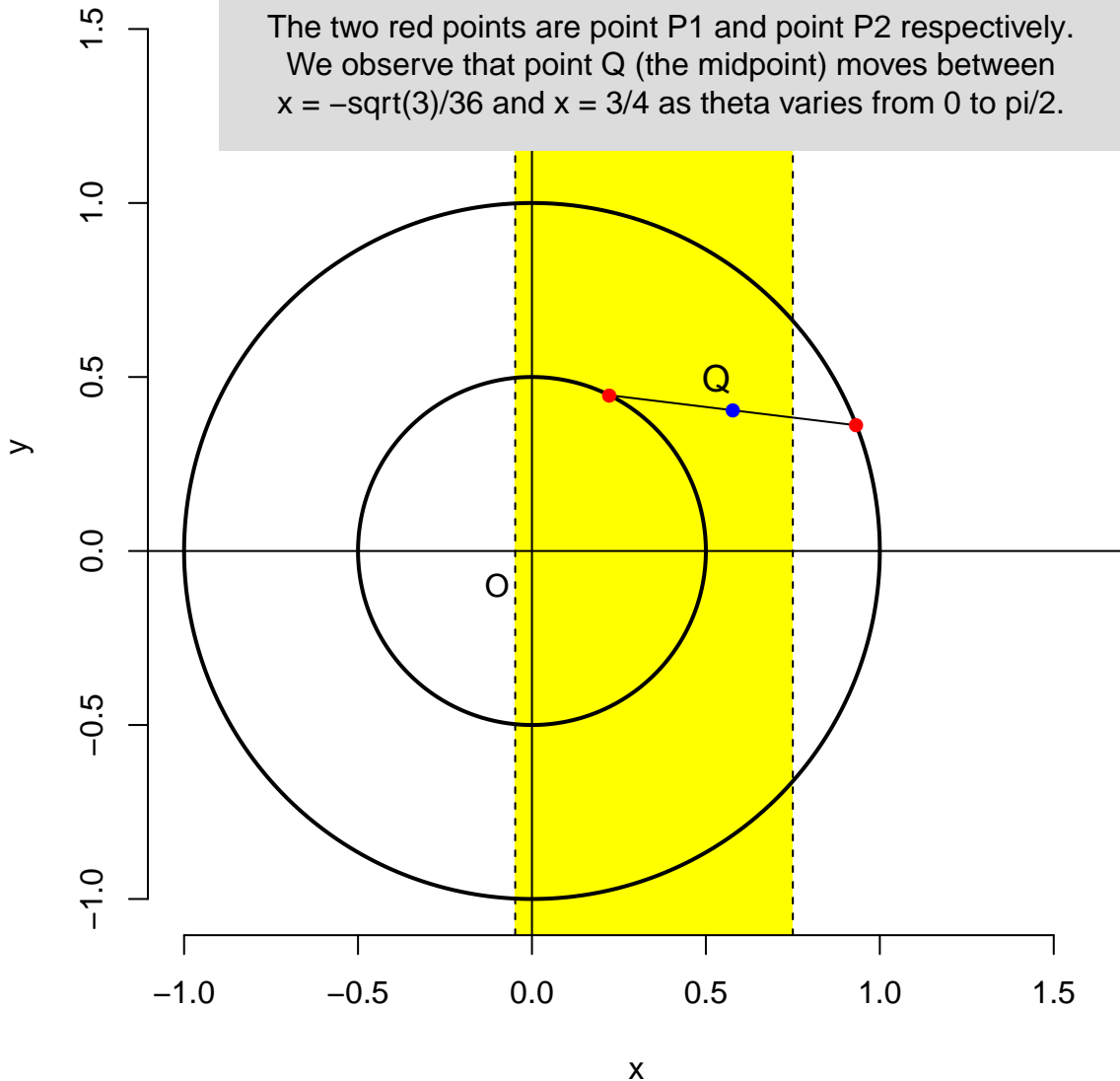# theta = 0.3696

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

Q

O

y

x

theta = 0.3828

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

theta = 0.396

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between $x = -\sqrt{3}/36$ and $x = 3/4$ as theta varies from 0 to pi/2.
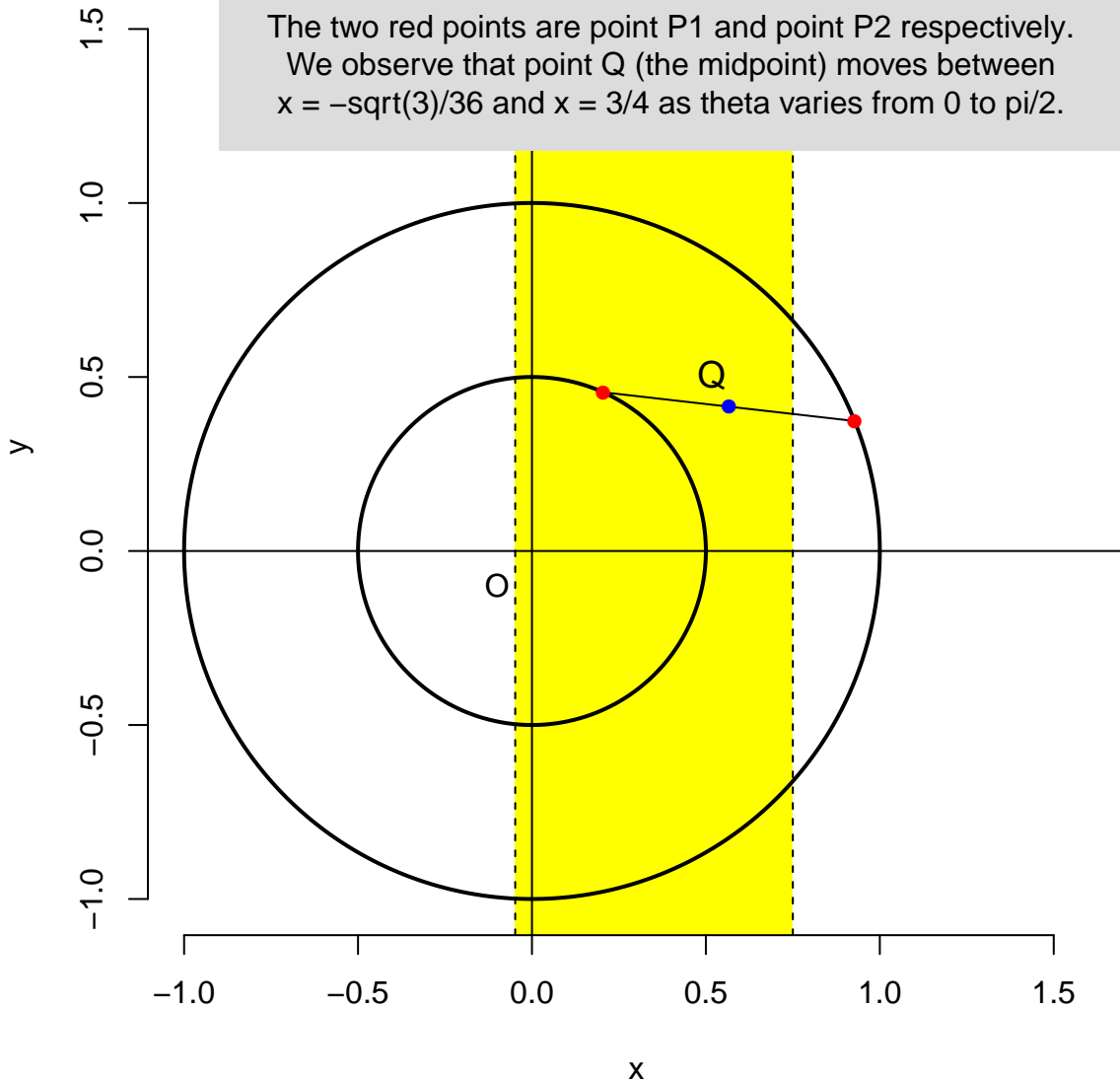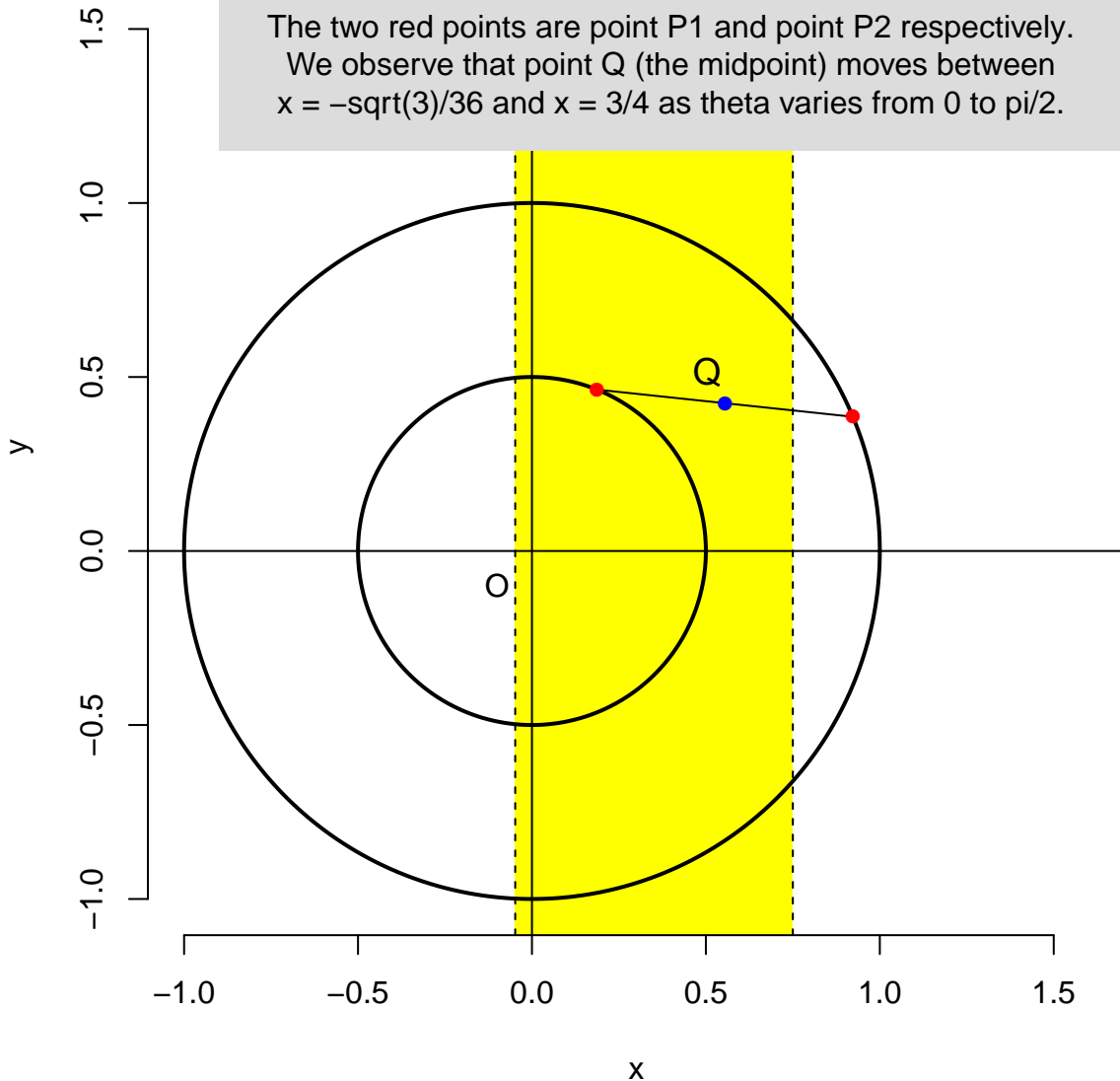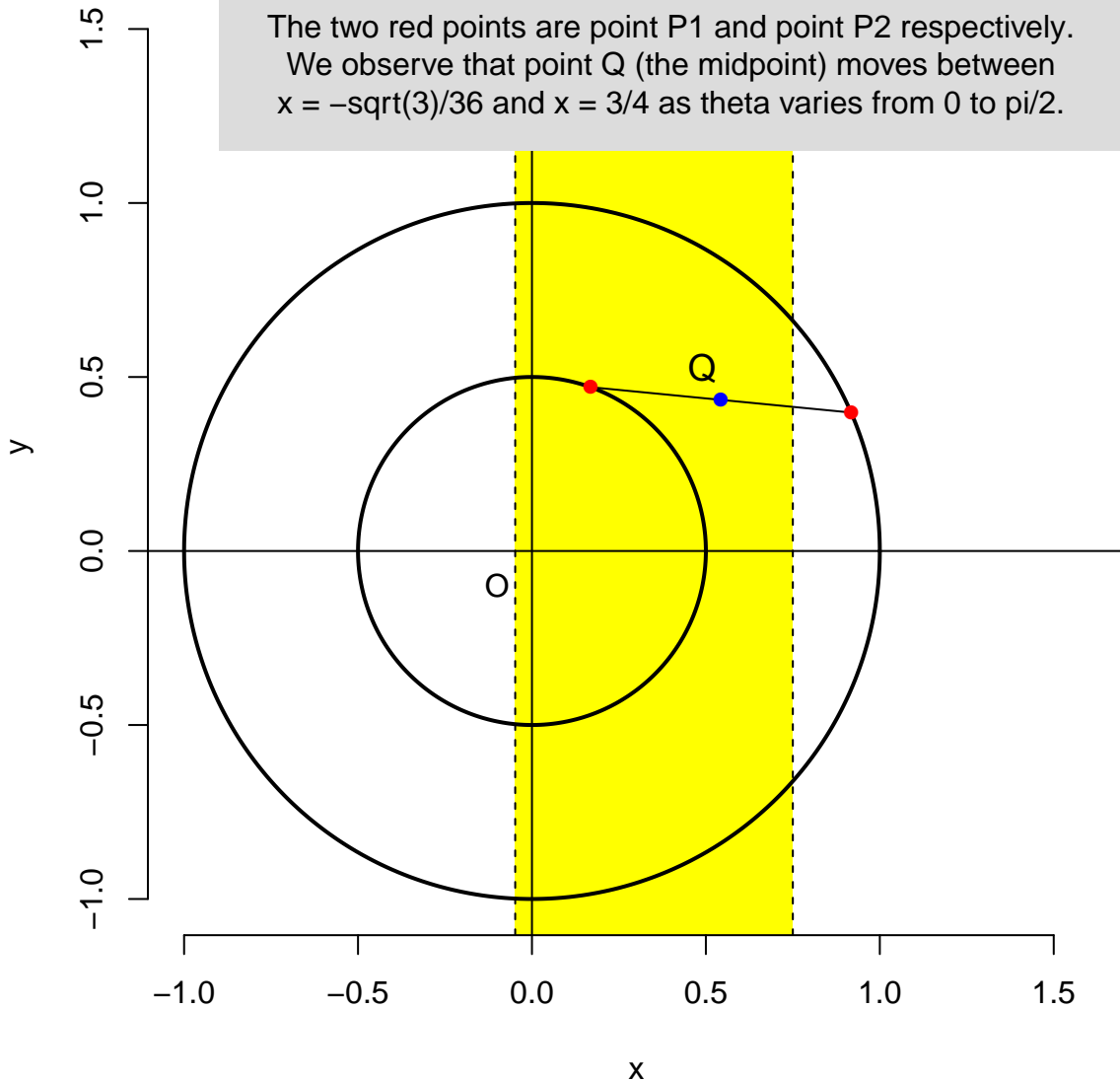
theta = 0.4092

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

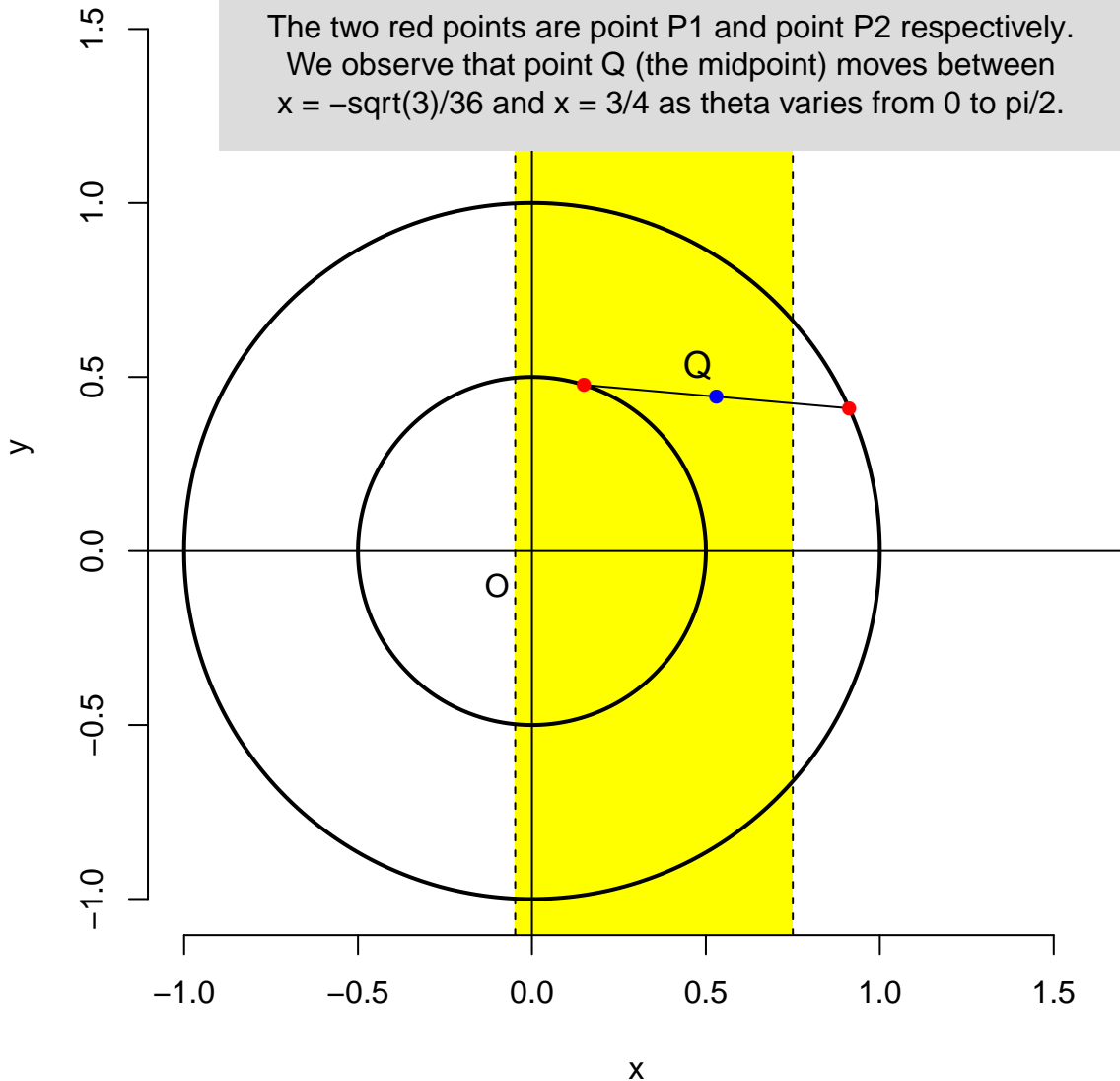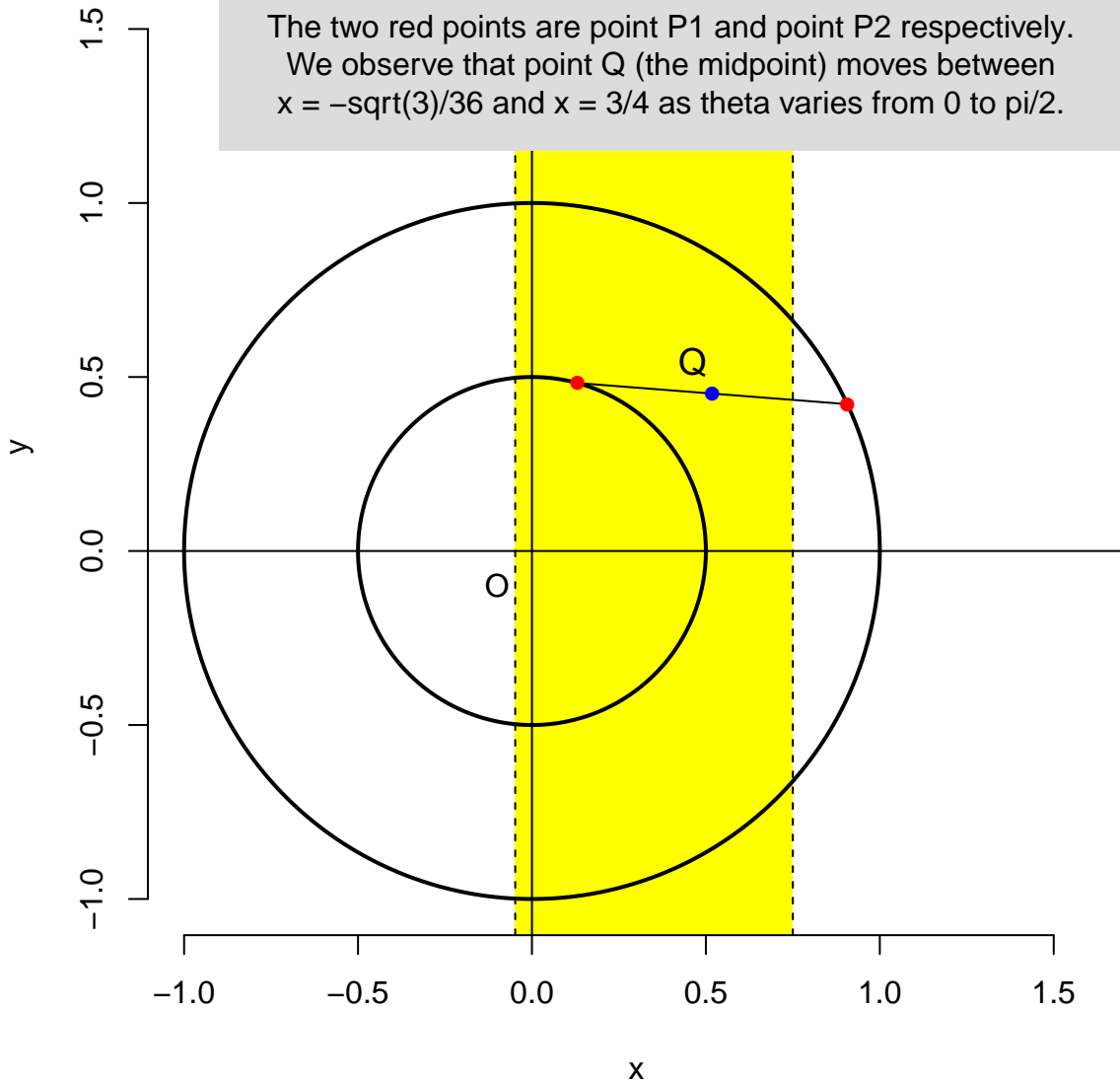# theta = 0.4224

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.
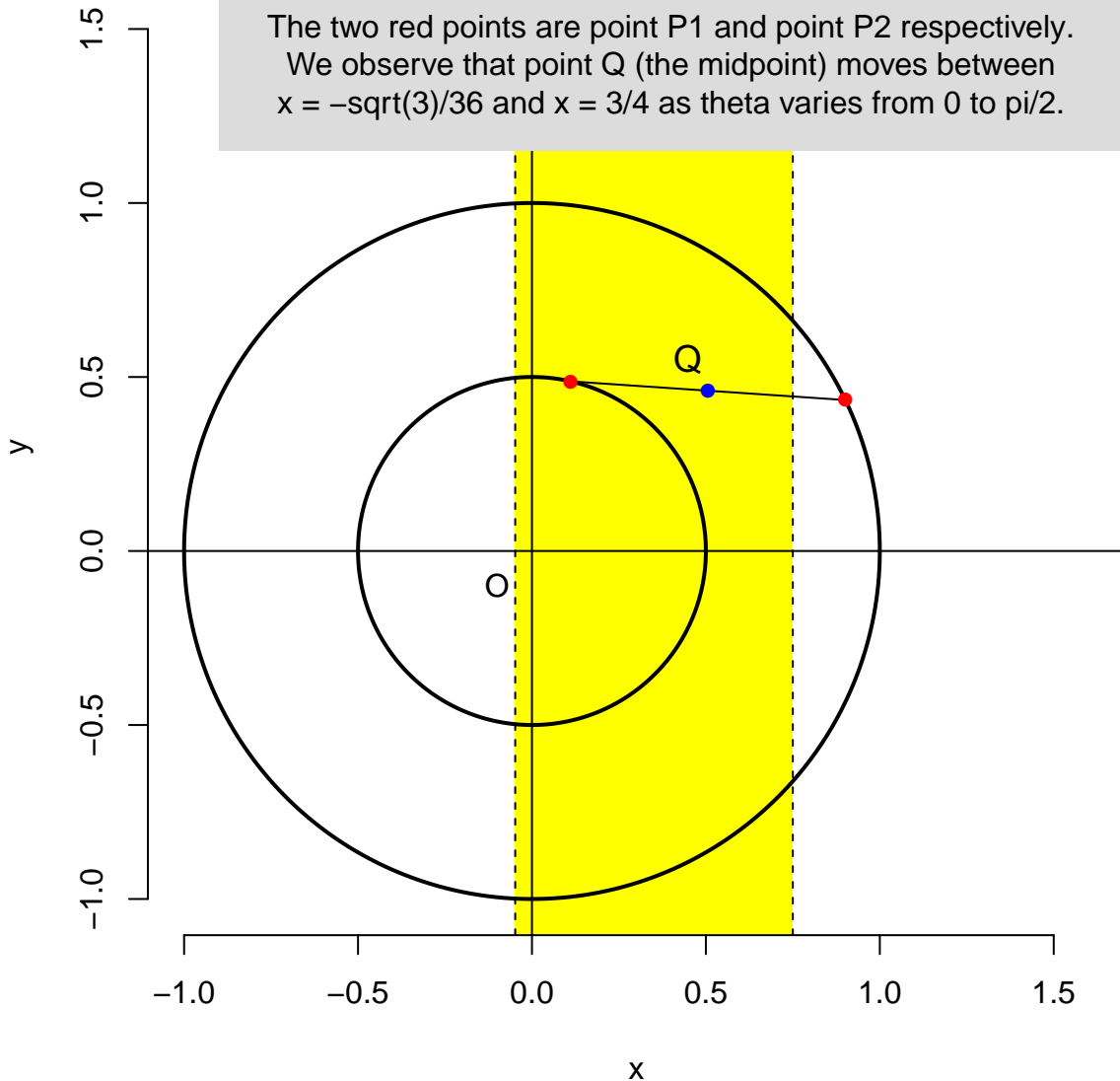
theta = 0.4356

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

theta = 0.4488

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

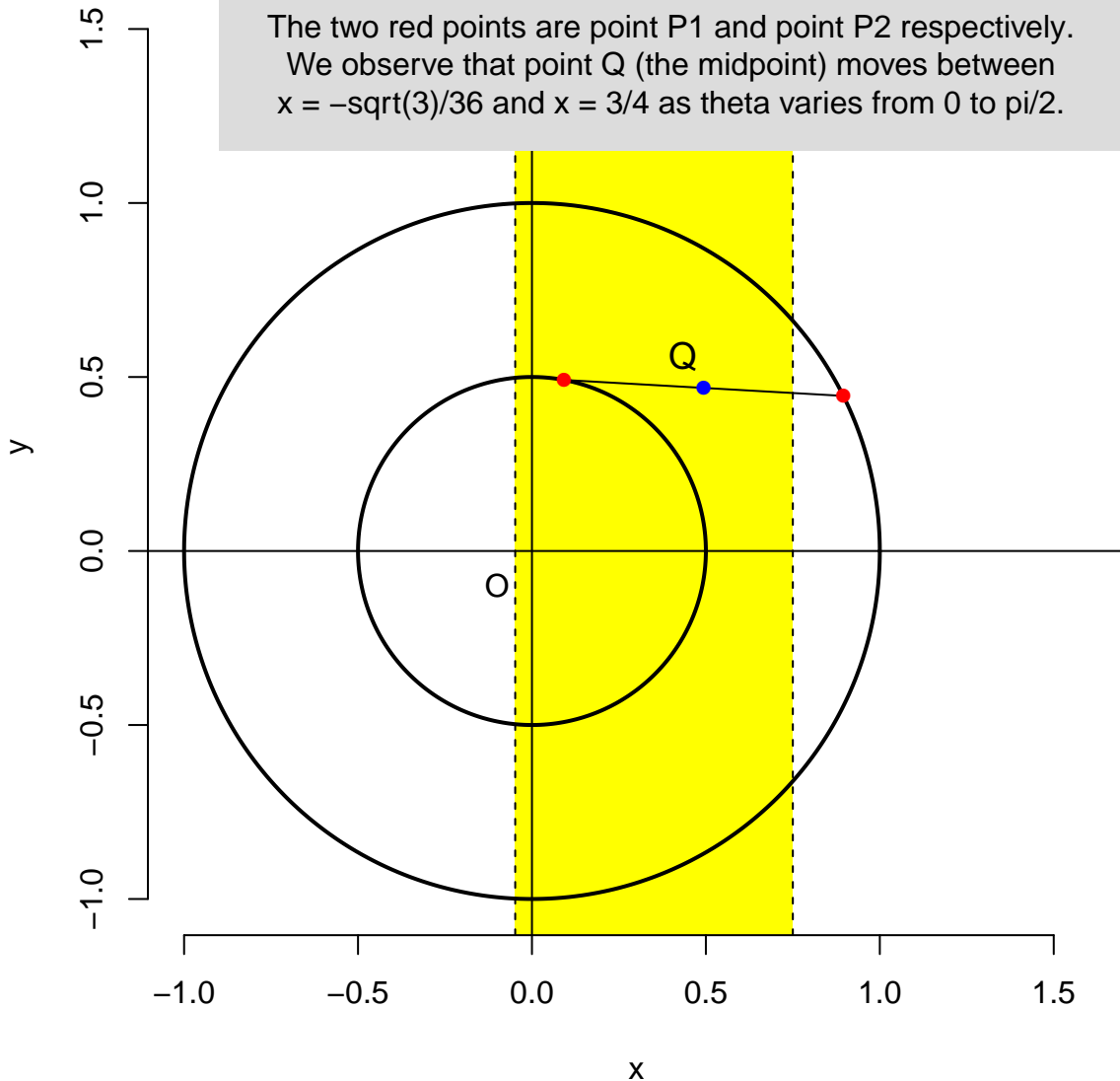**theta = 0.462**

The two red points are point P1 and point P2 respectively.
We observe that point Q (the midpoint) moves between
x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

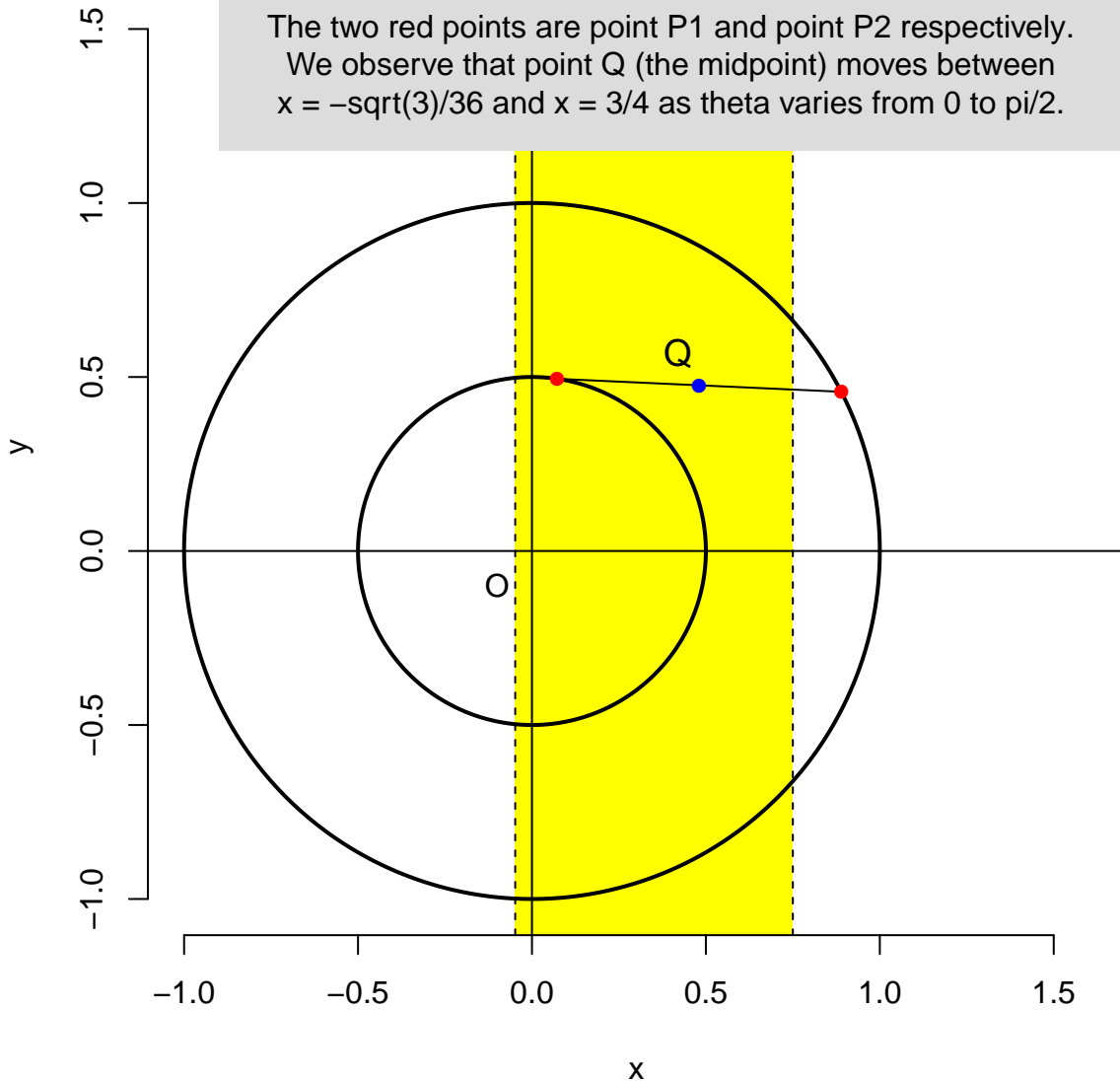**theta = 0.4752**

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

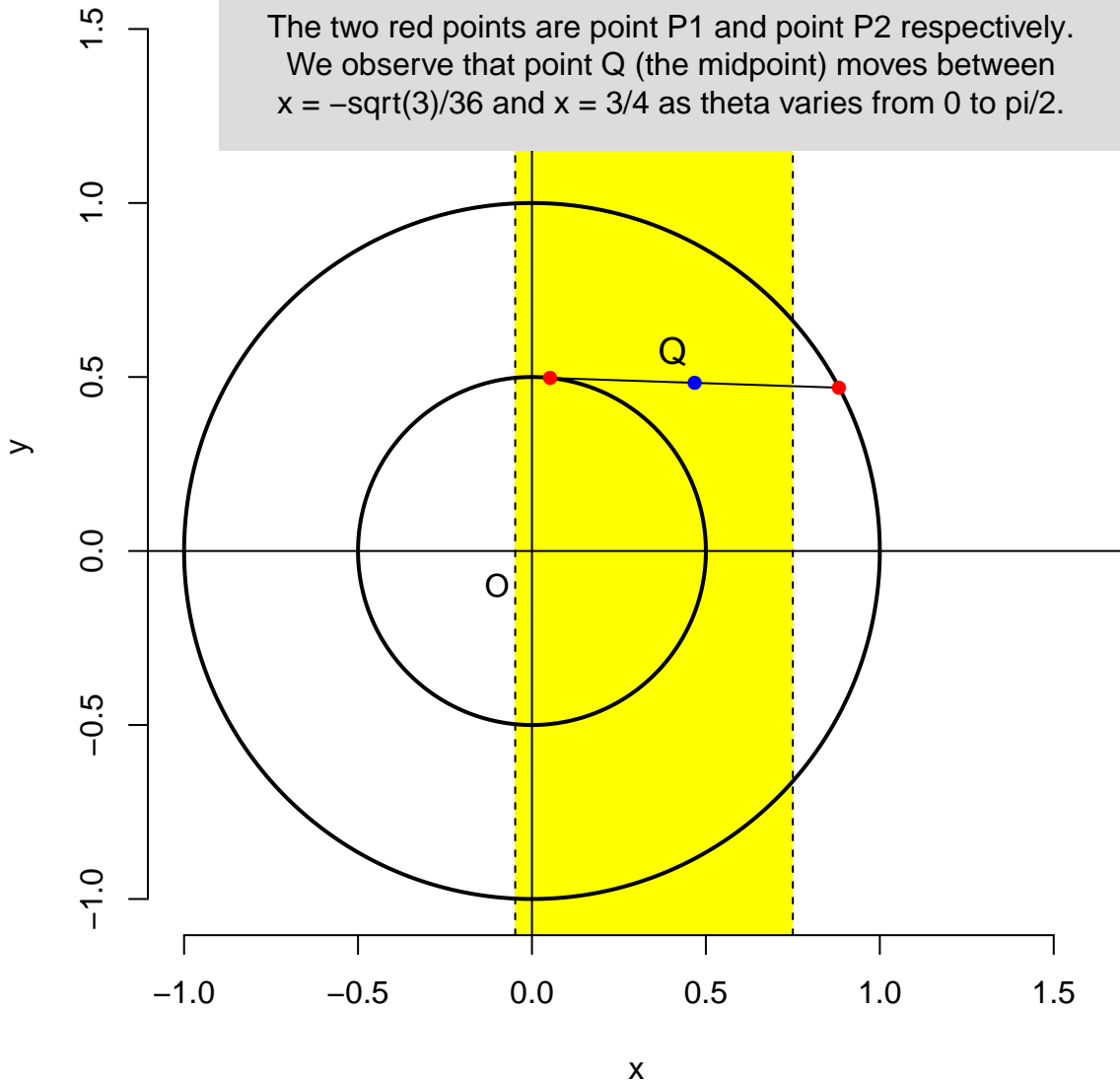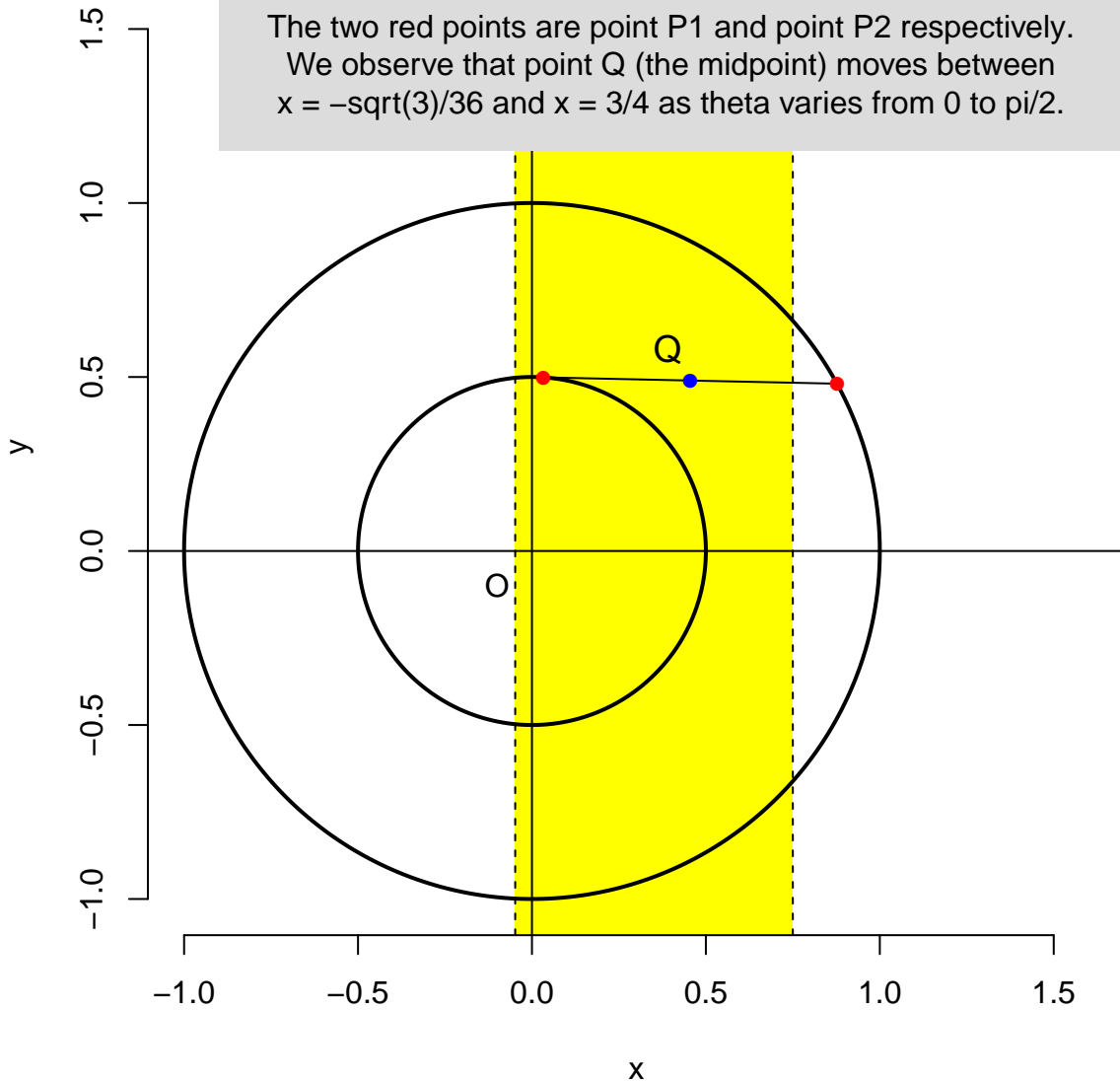**theta = 0.4884**

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

theta = 0.5016

The two red points are point P1 and point P2 respectively.
We observe that point Q (the midpoint) moves between
x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

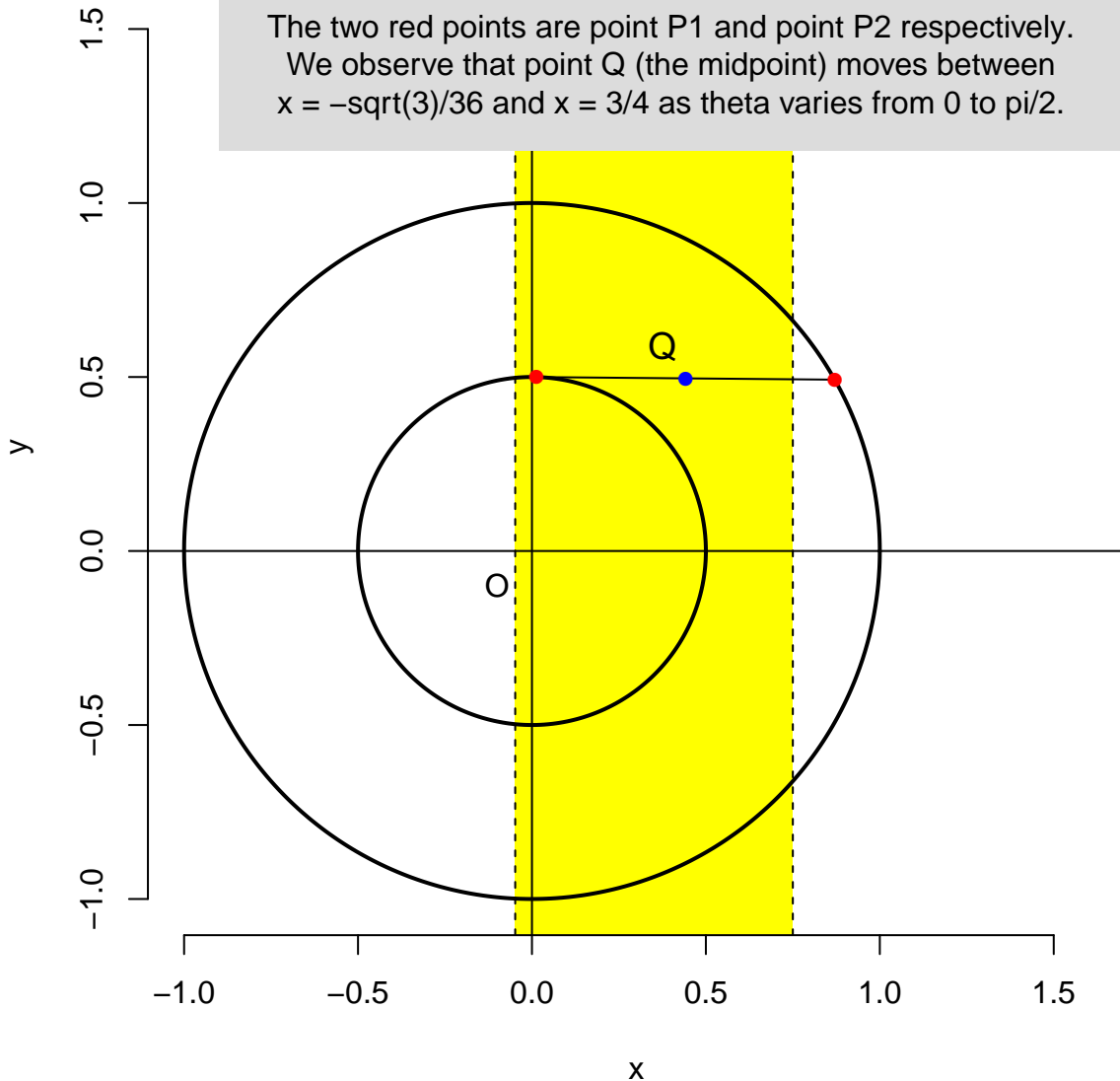# theta = 0.5148

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.
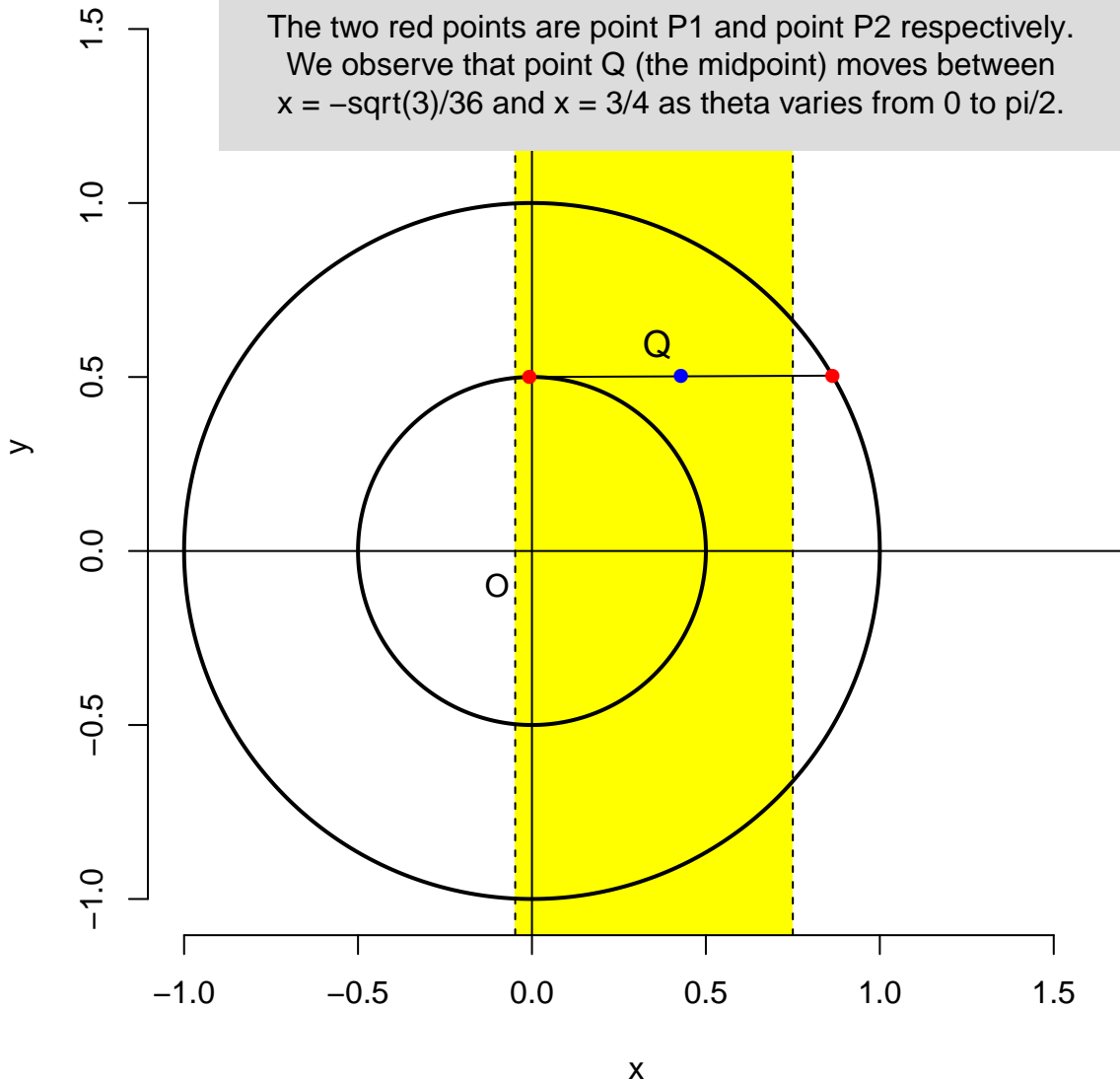
Q

O

x

y

theta = 0.528

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

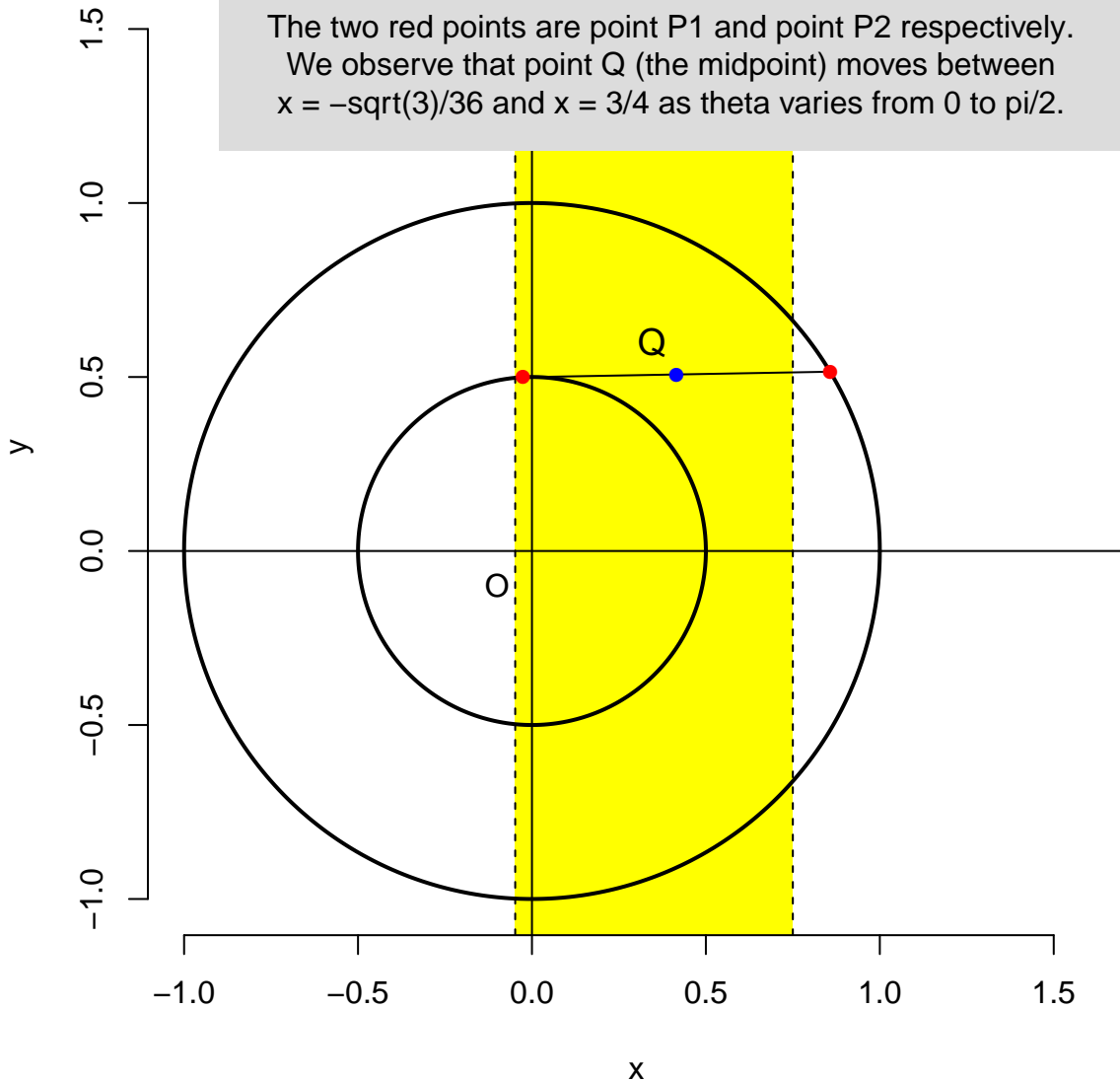# theta = 0.5412

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

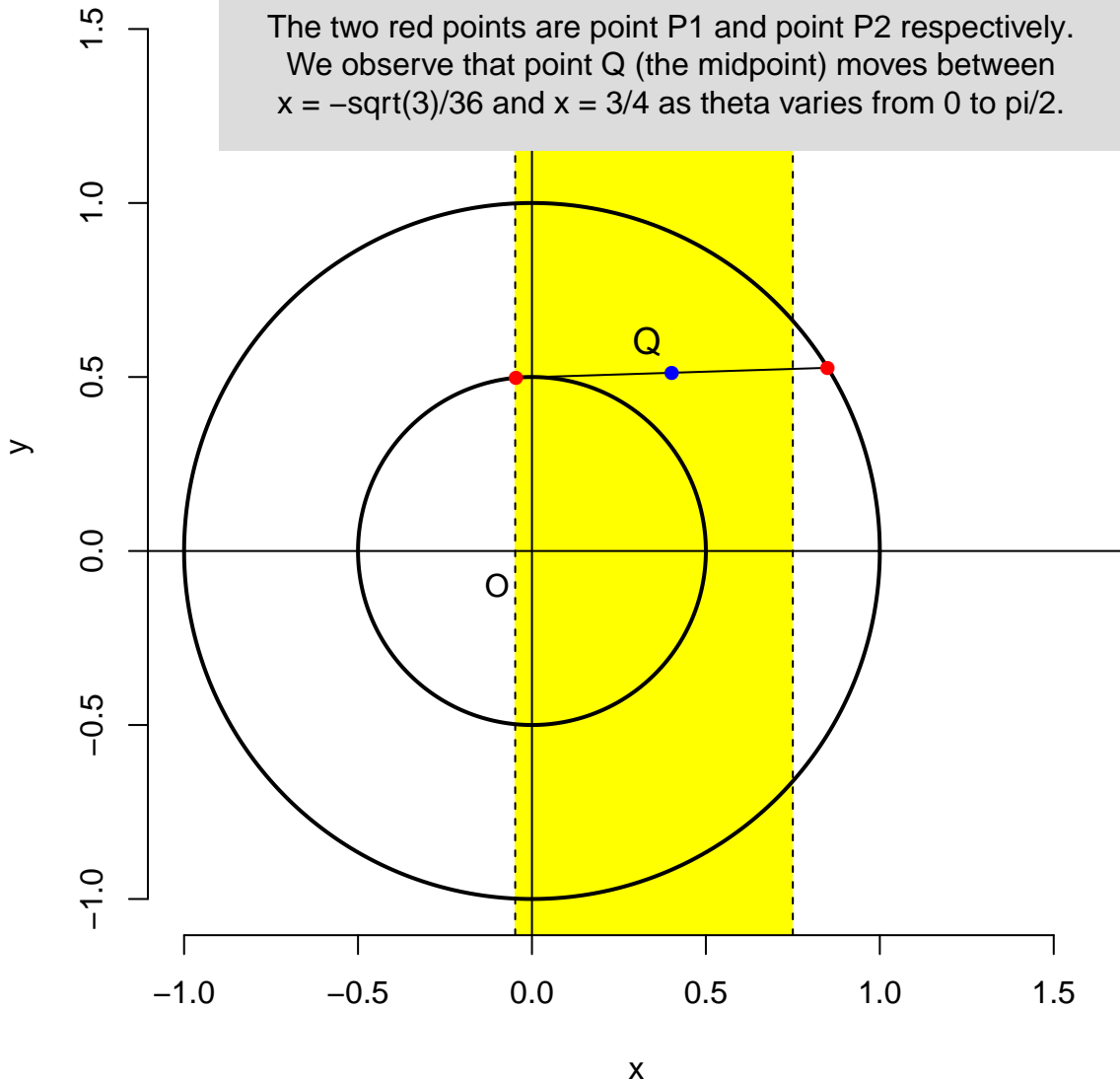**theta = 0.5544**

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

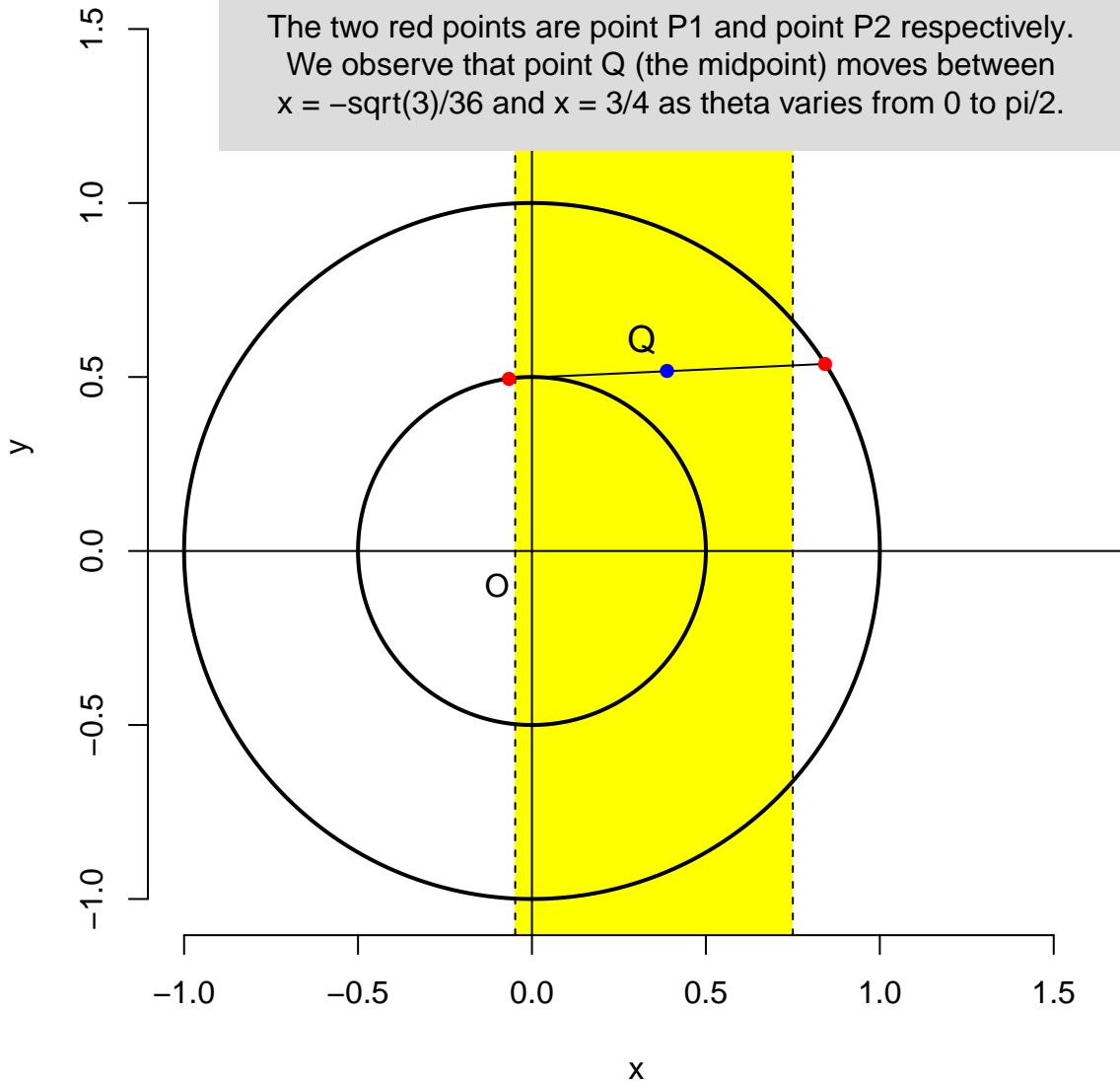**theta = 0.5676**

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

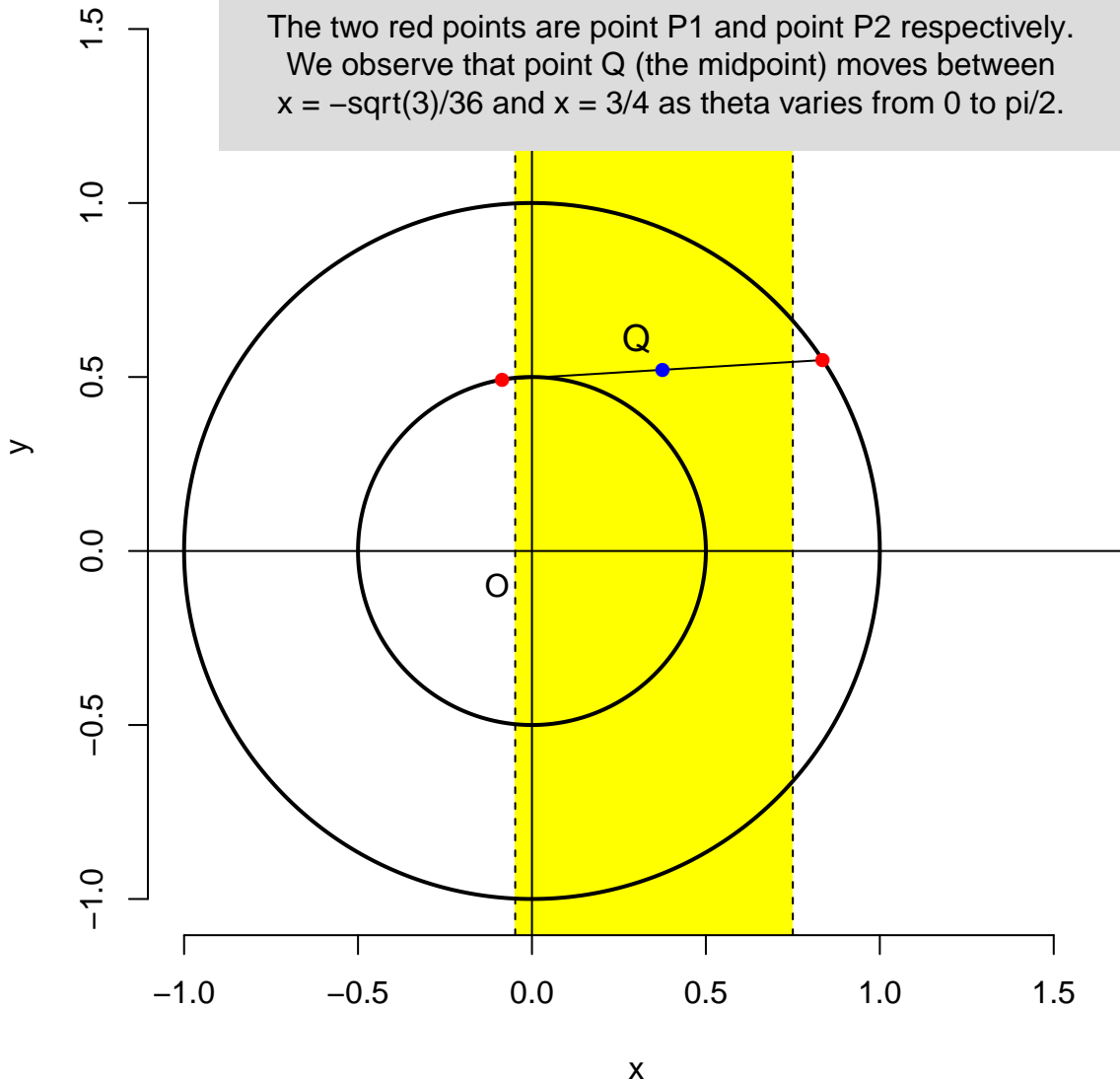**theta = 0.5808**

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

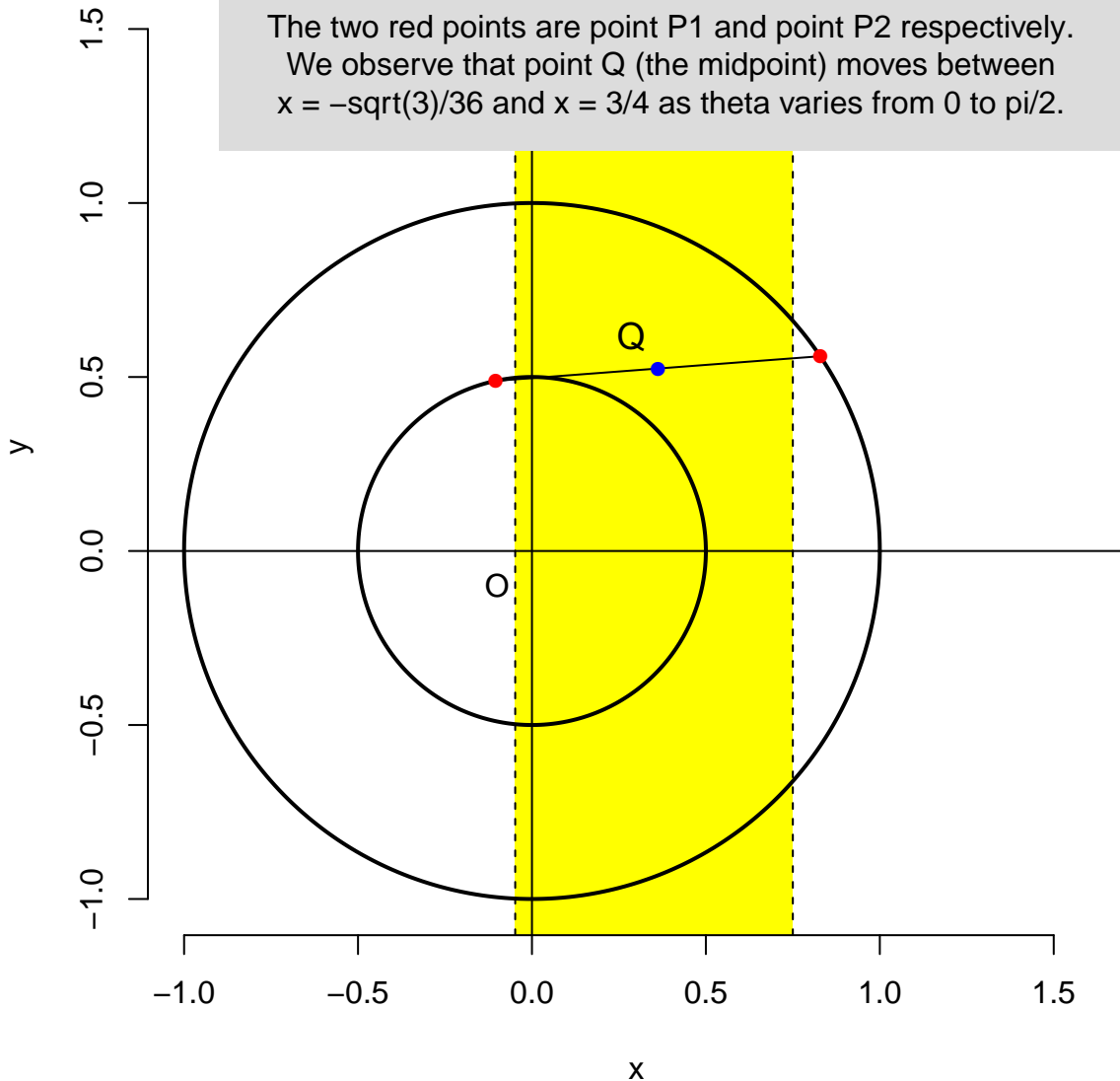# theta = 0.594

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

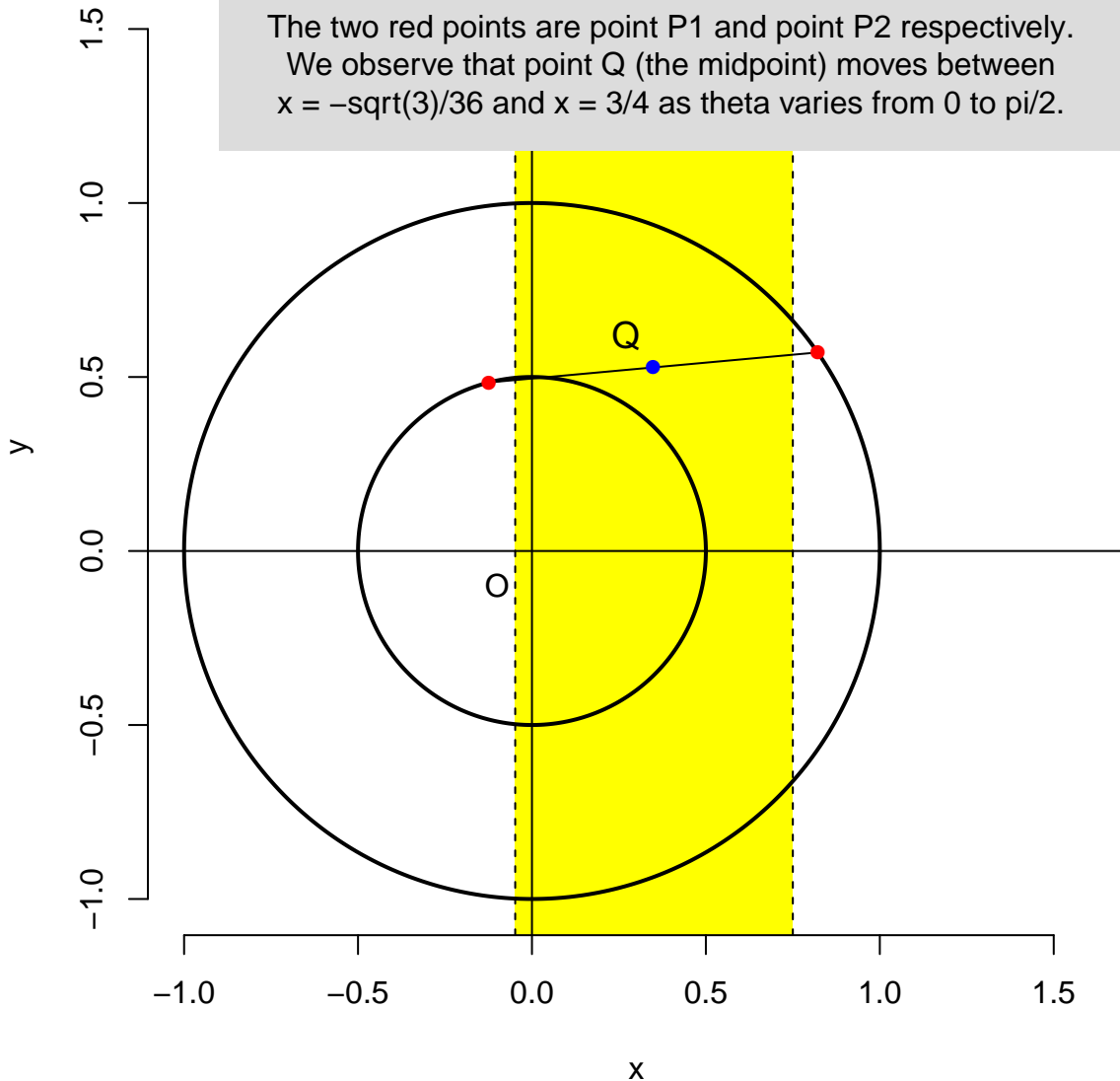# theta = 0.6072

The two red points are point P1 and point P2 respectively.
We observe that point Q (the midpoint) moves between
x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

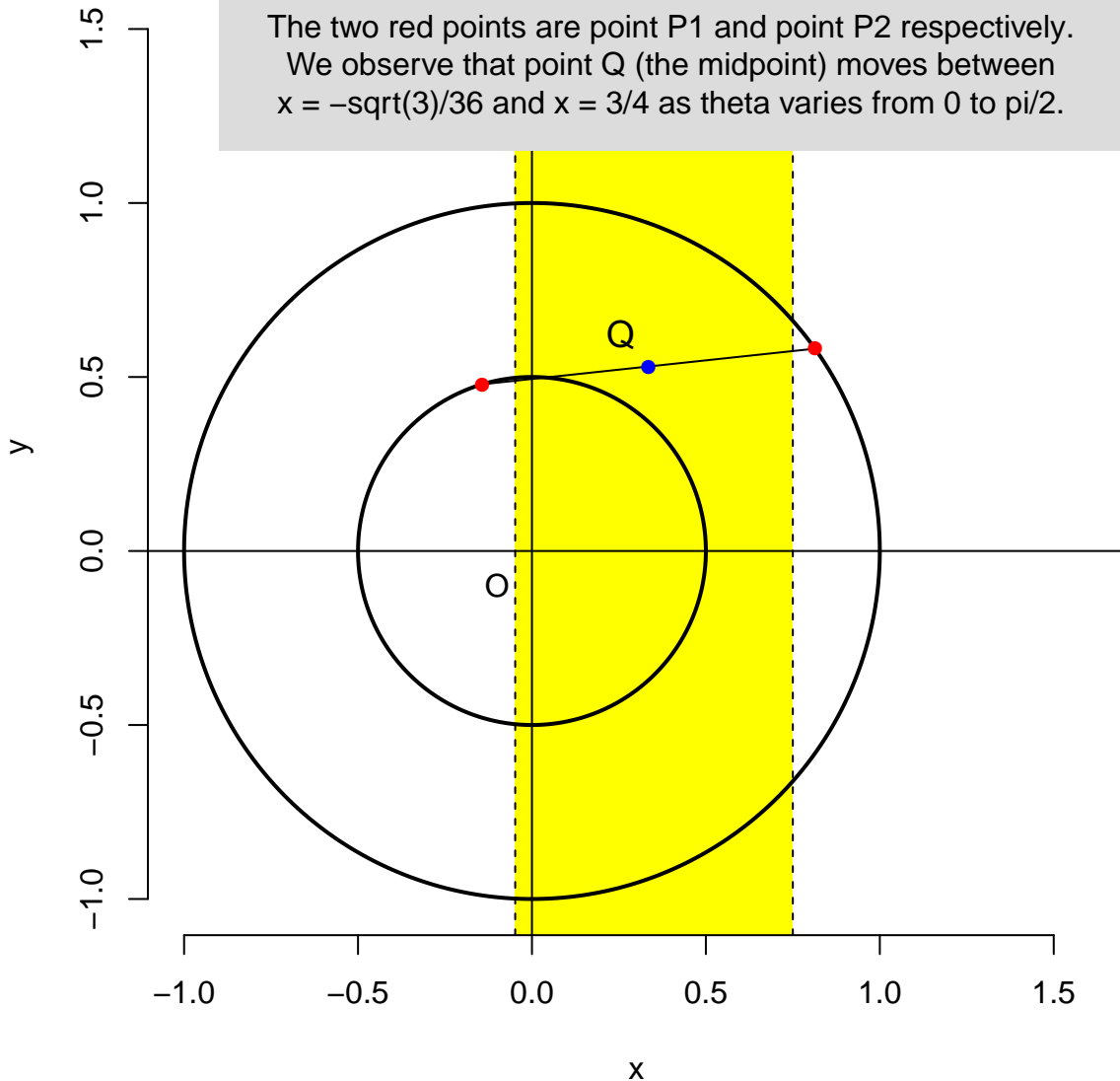**theta = 0.6204**

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

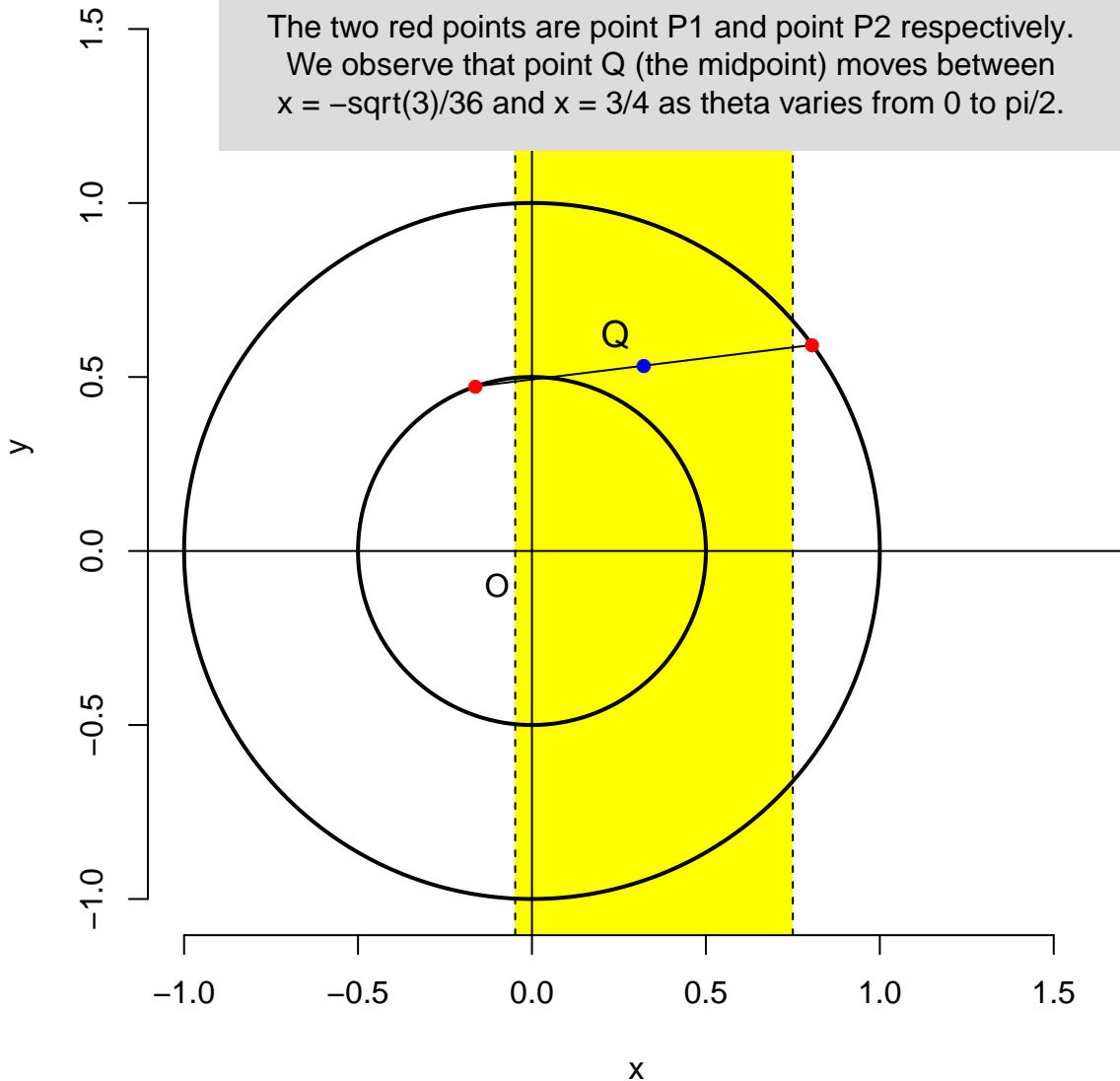**theta = 0.6336**

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

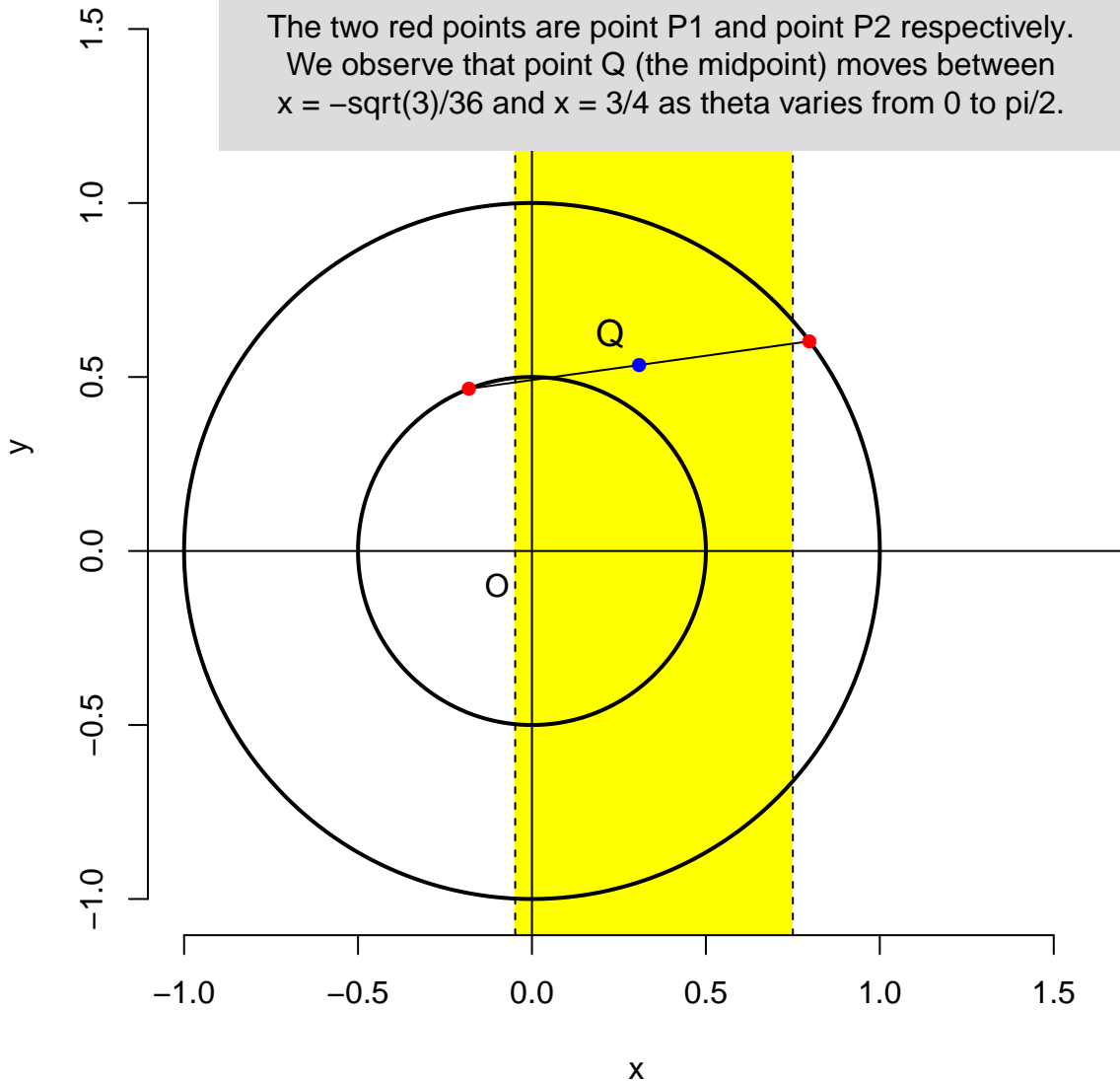**theta = 0.6468**

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

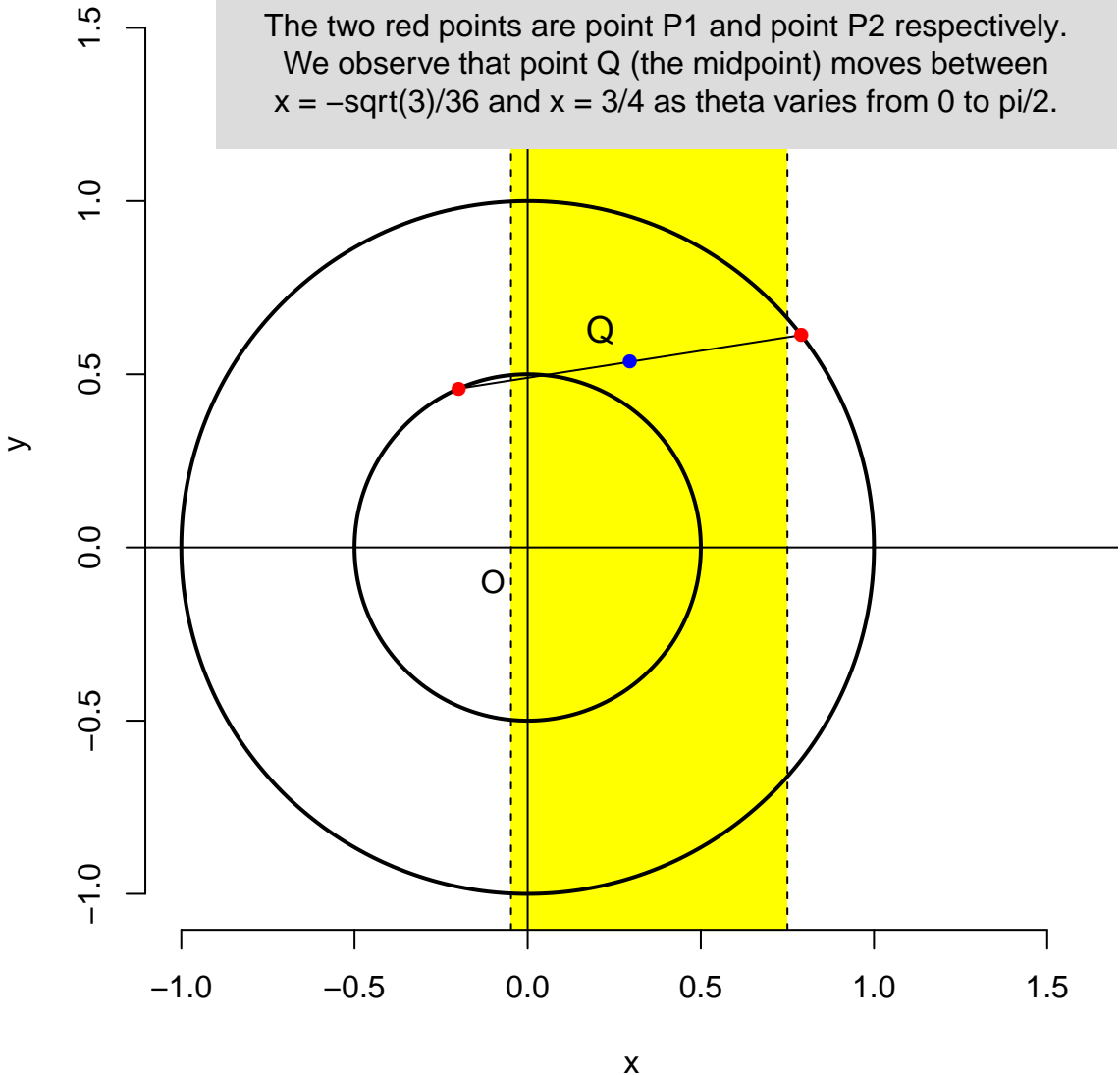**theta = 0.66**

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

theta = 0.6732

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.
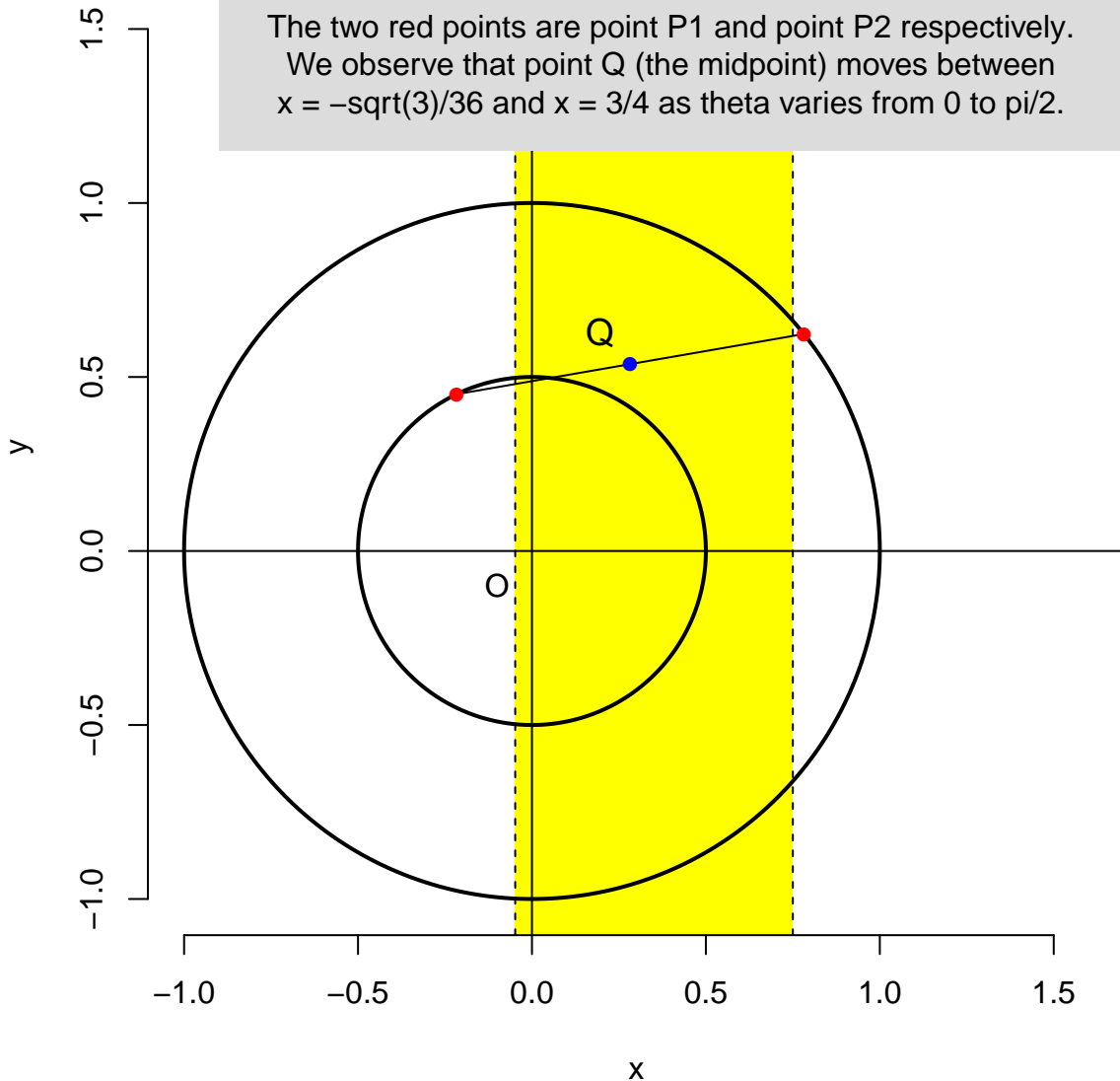
theta = 0.6864

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between $x = -sqrt(3)/36$ and $x = 3/4$ as theta varies from 0 to pi/2.
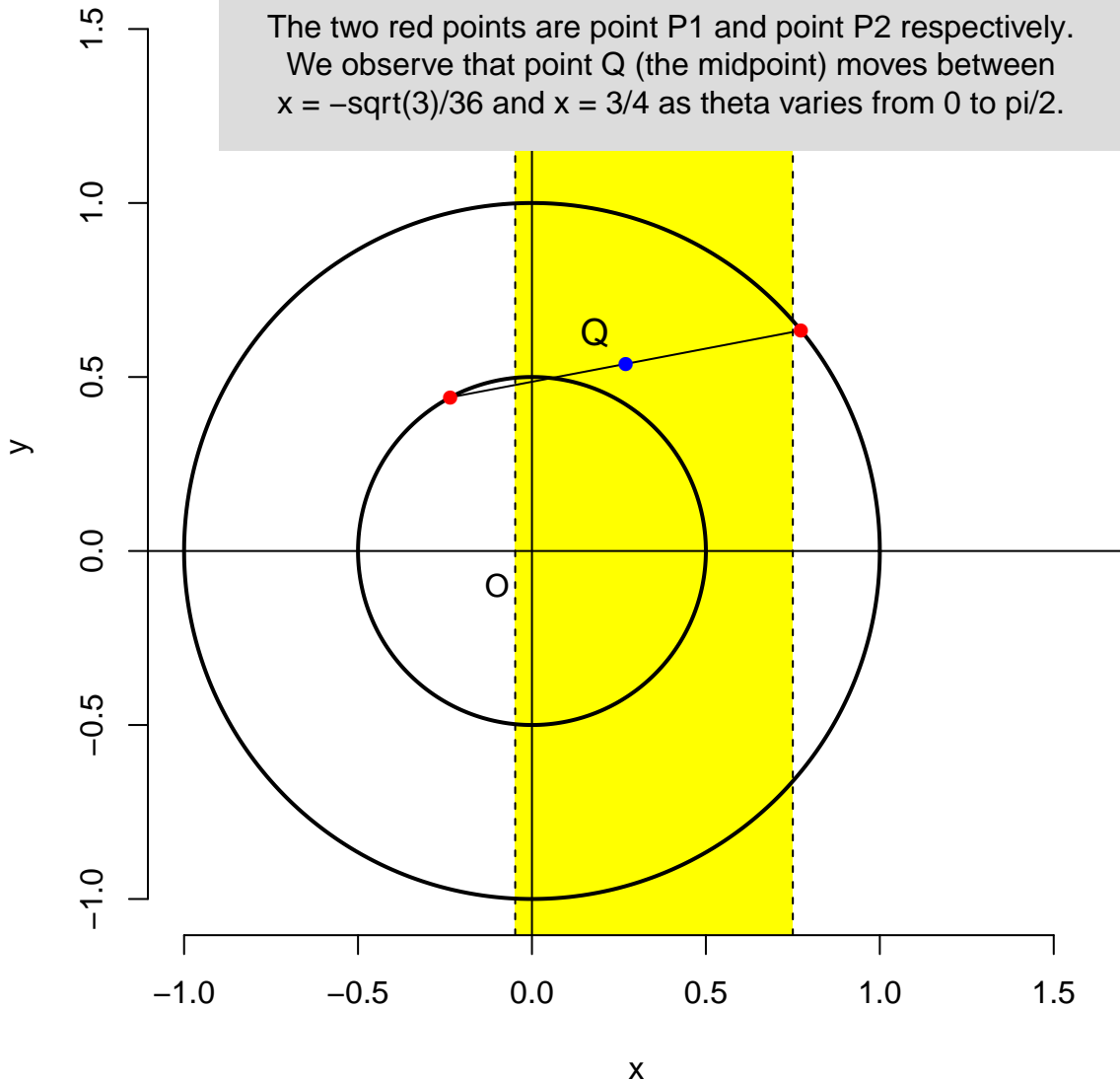
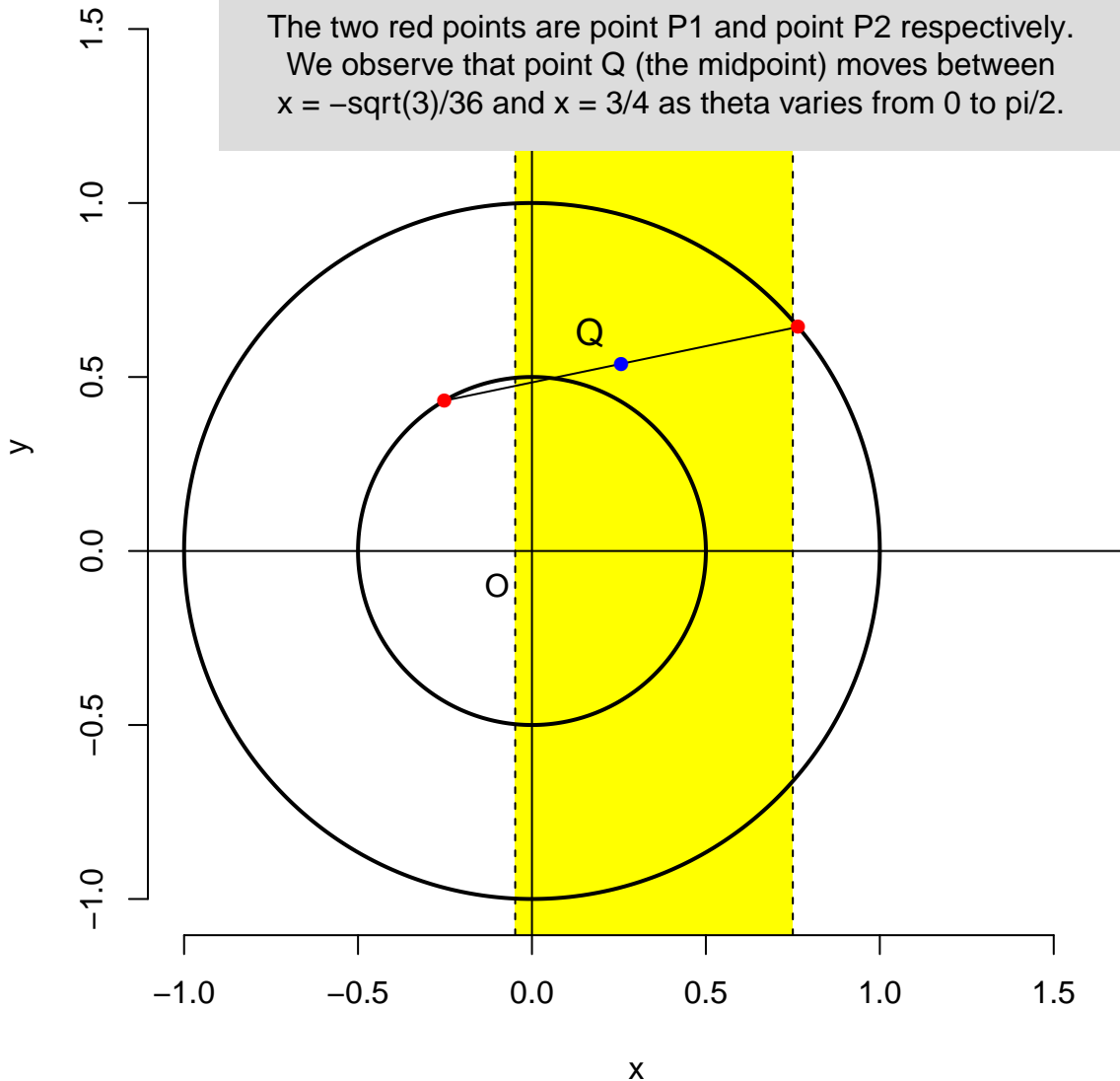**theta = 0.6996**

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

theta = 0.7128

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.
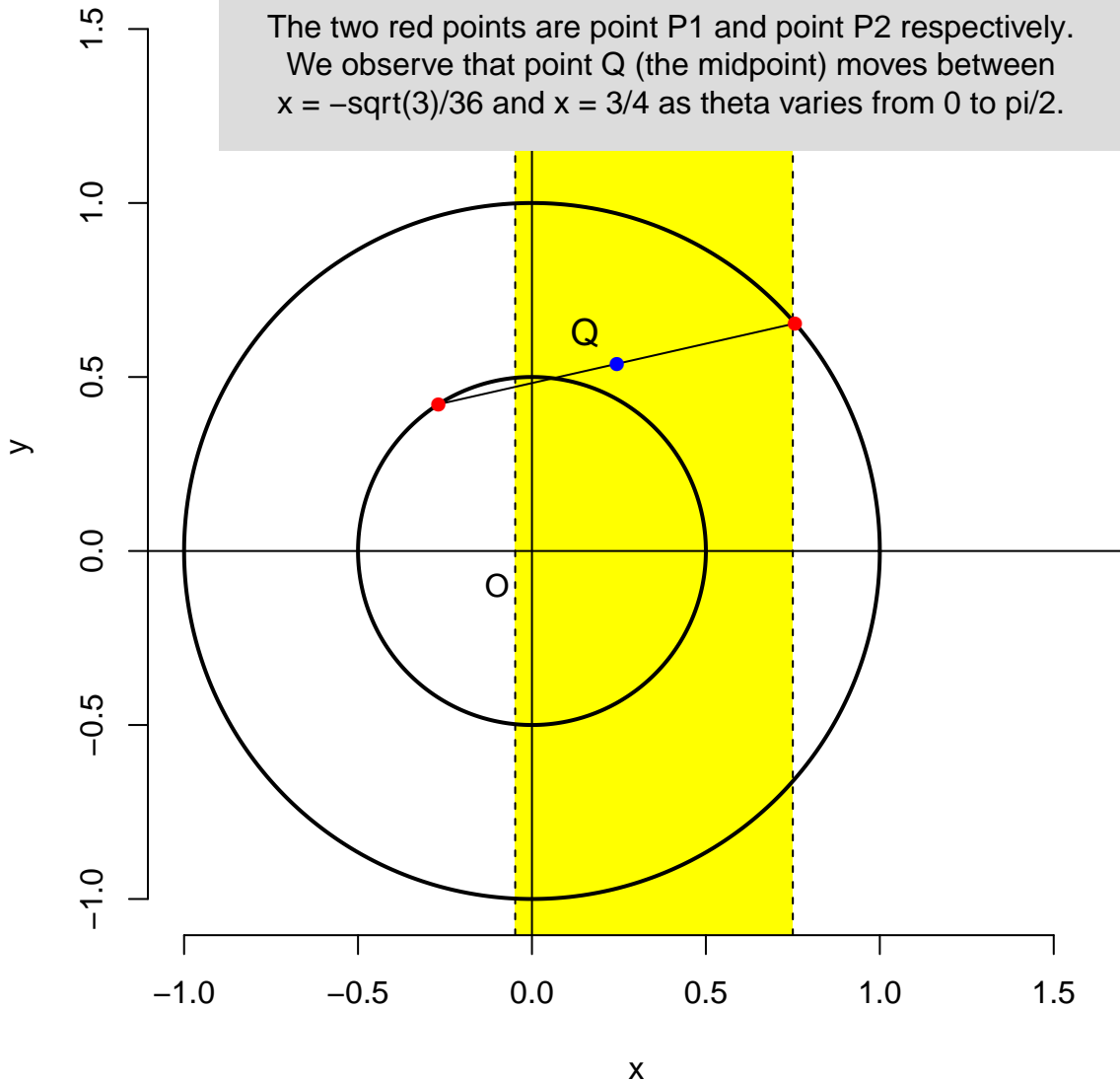
theta = 0.726

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.
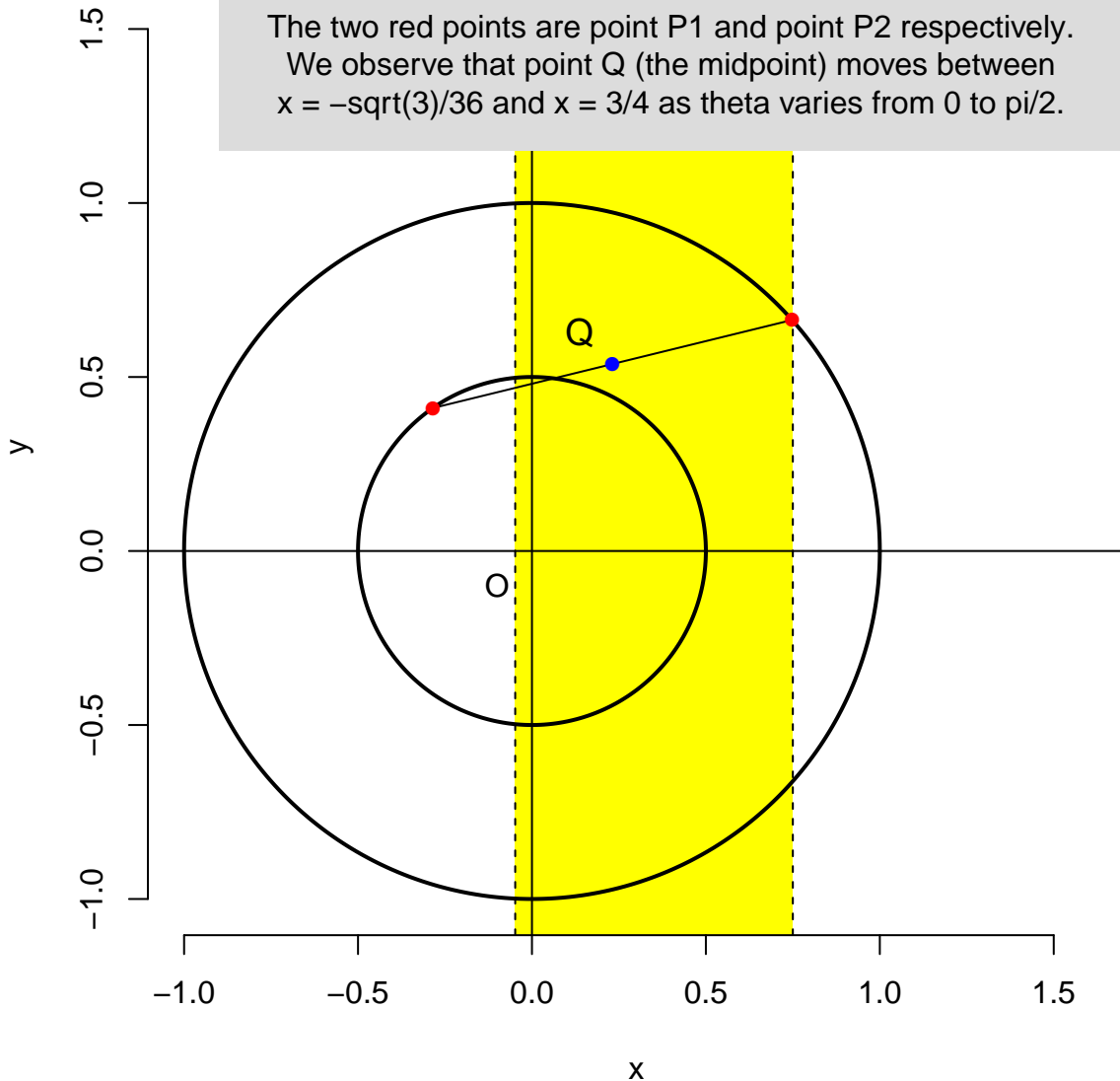
theta = 0.7392

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between $x = -\sqrt{3}/36$ and $x = 3/4$ as theta varies from 0 to pi/2.
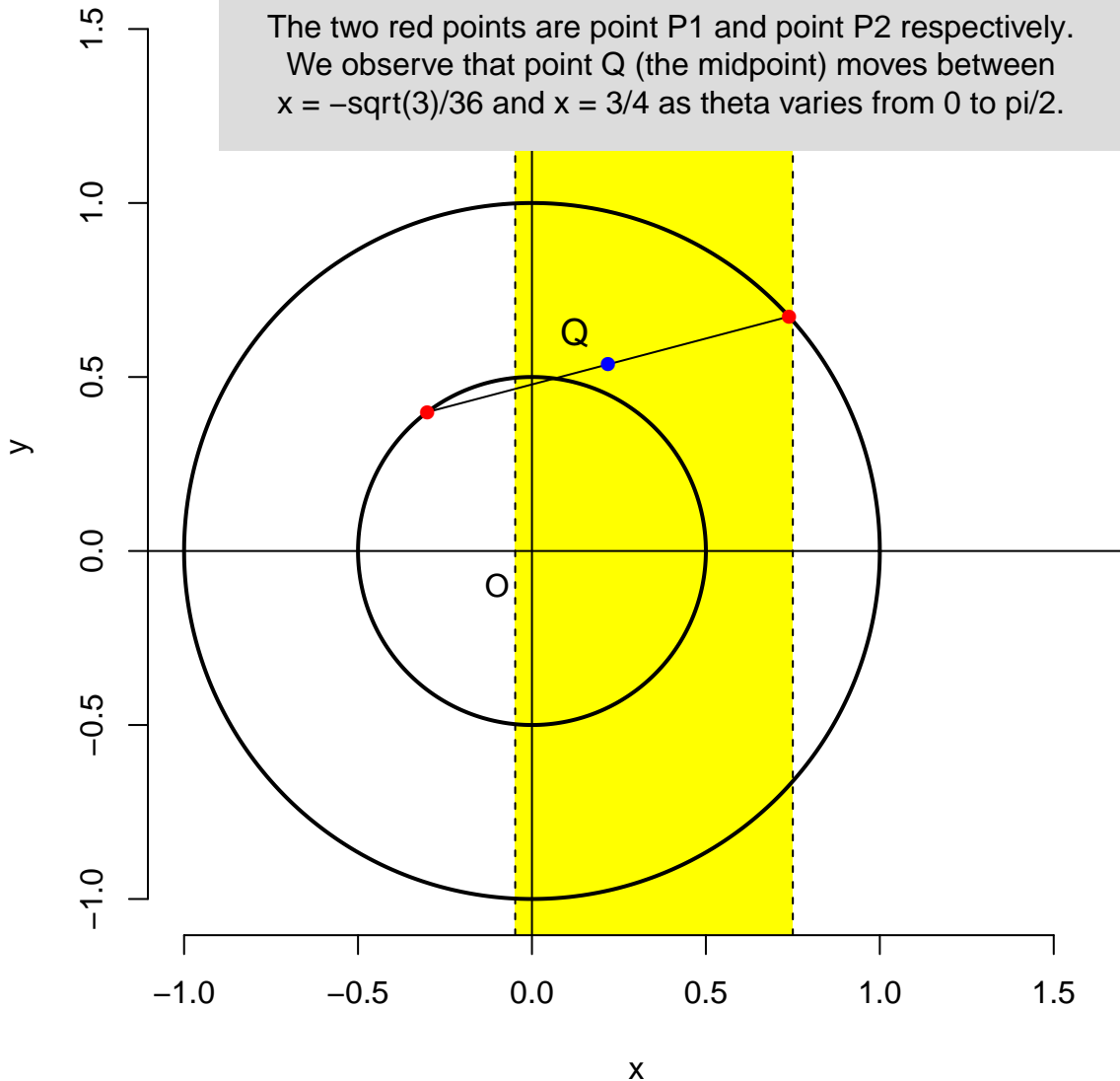
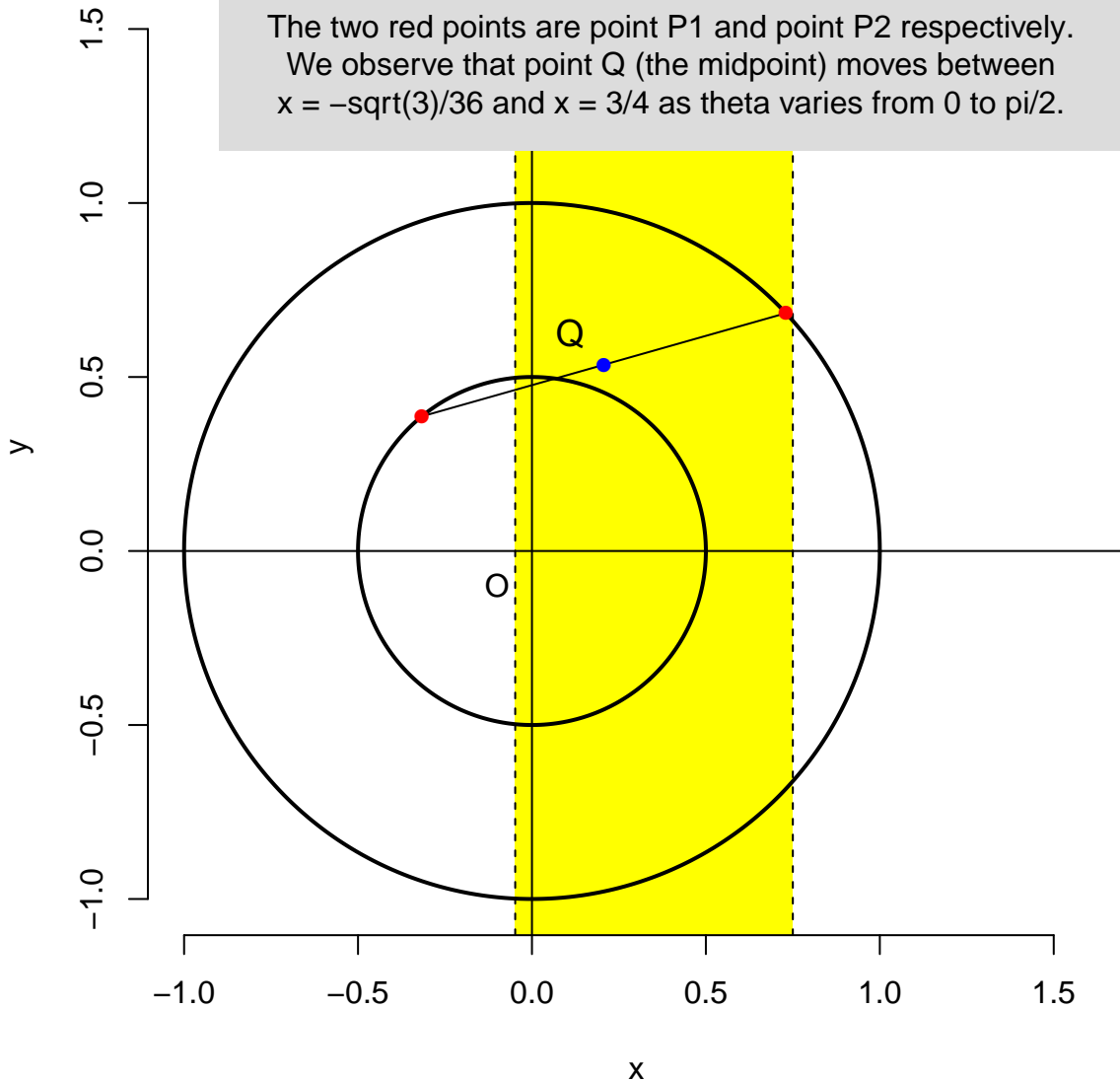**theta = 0.7524**

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

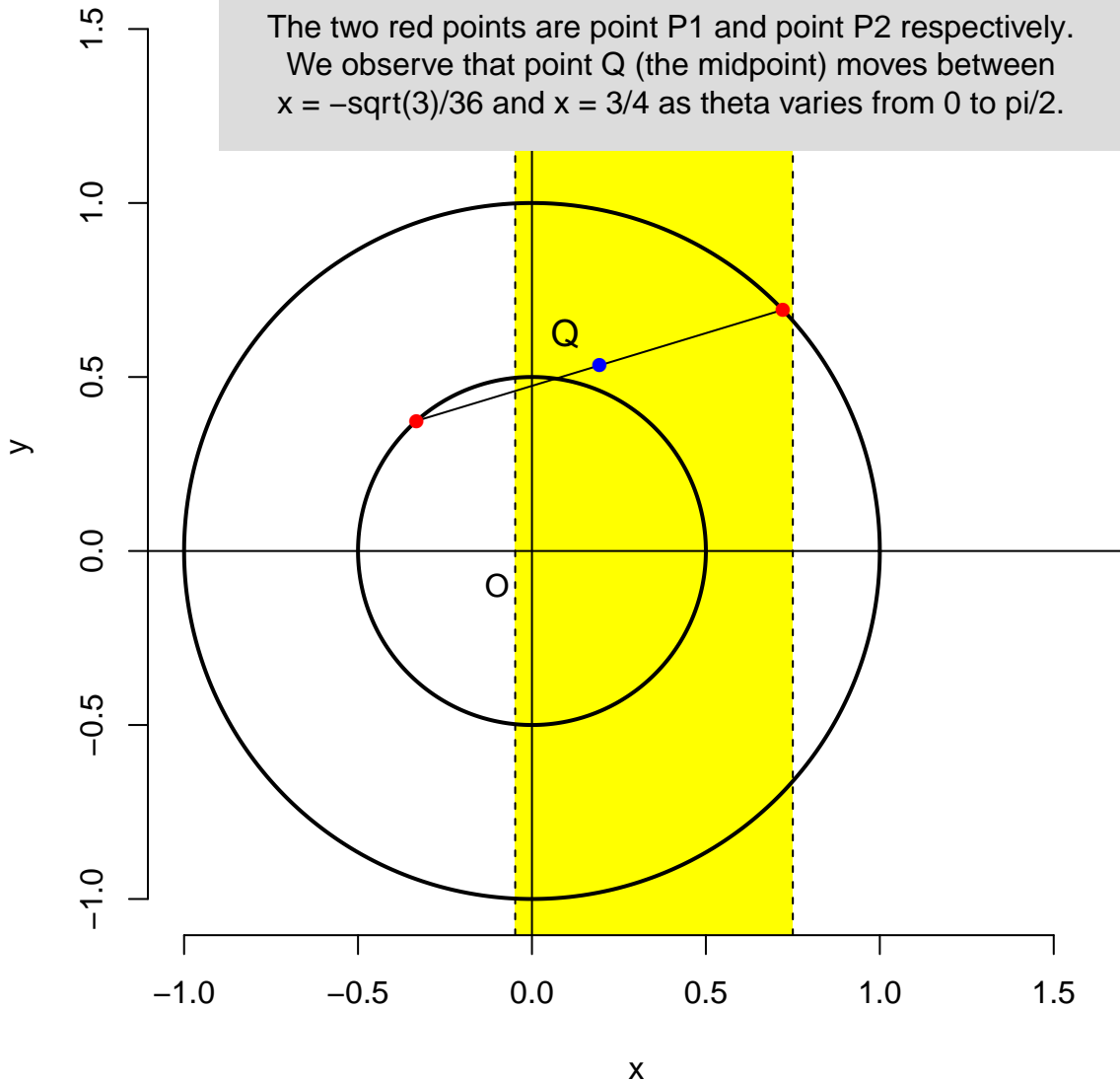**theta = 0.7656**

The two red points are point P1 and point P2 respectively.
We observe that point Q (the midpoint) moves between
x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

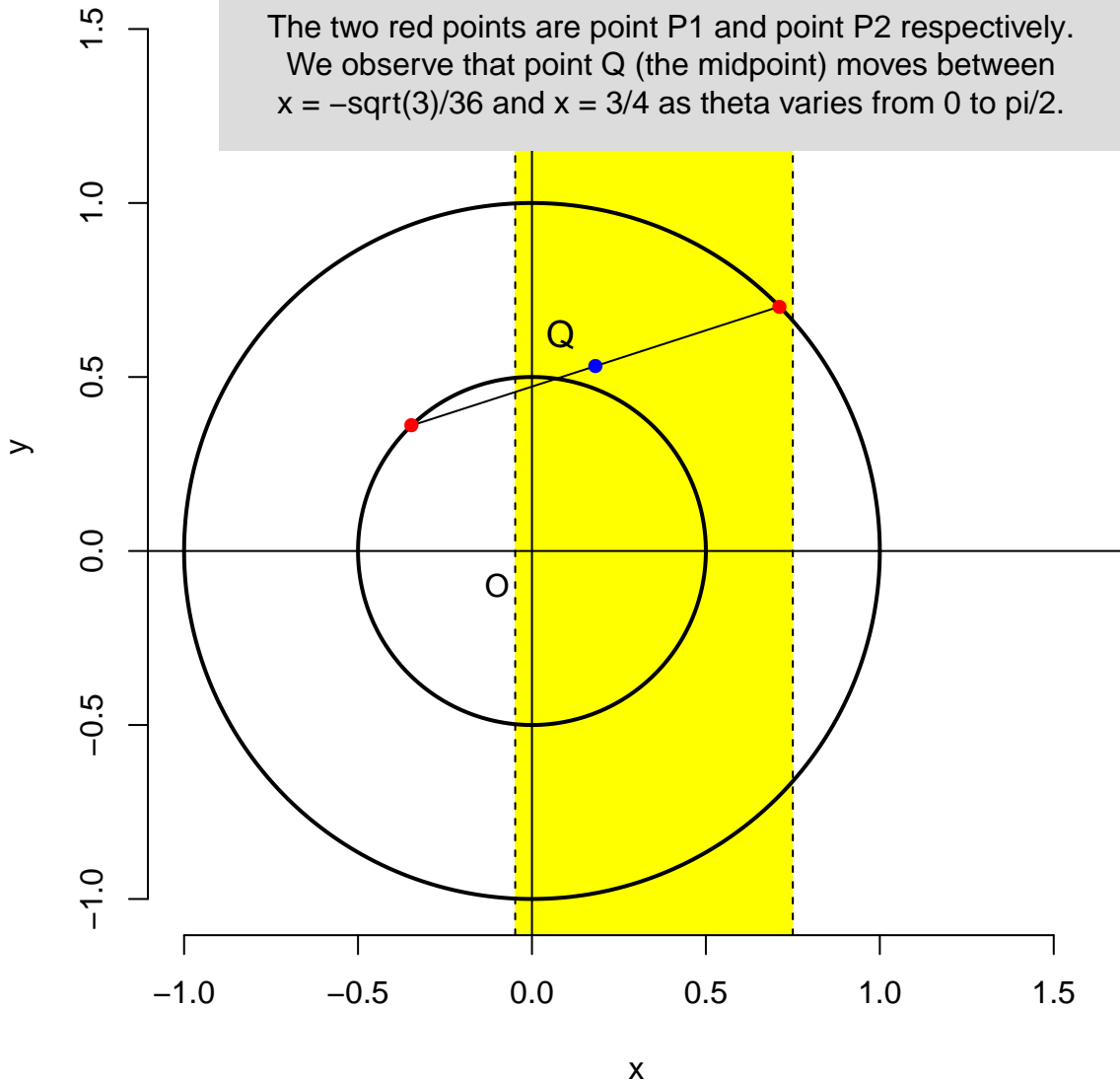**theta = 0.7788**

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

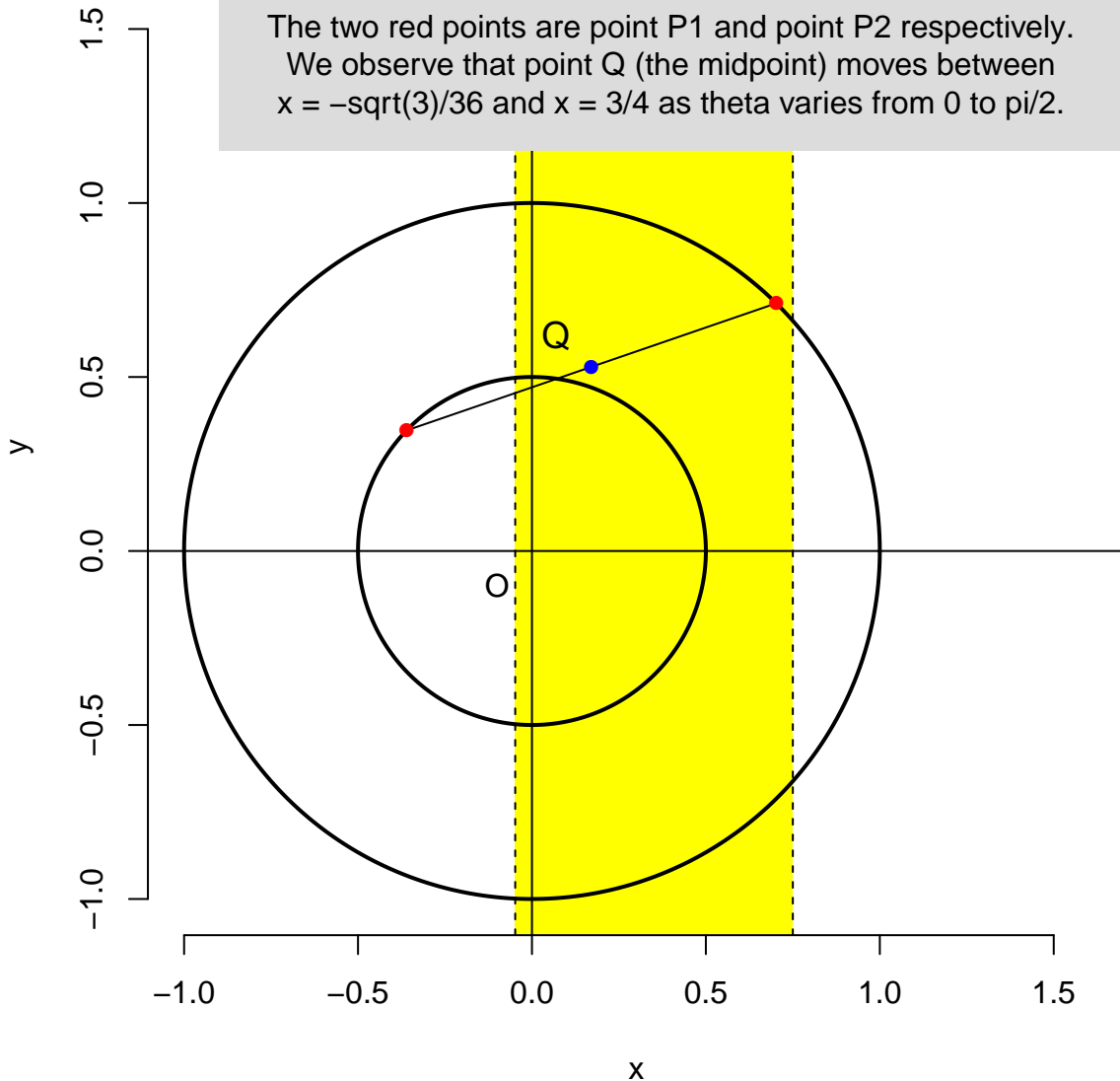**theta = 0.792**

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

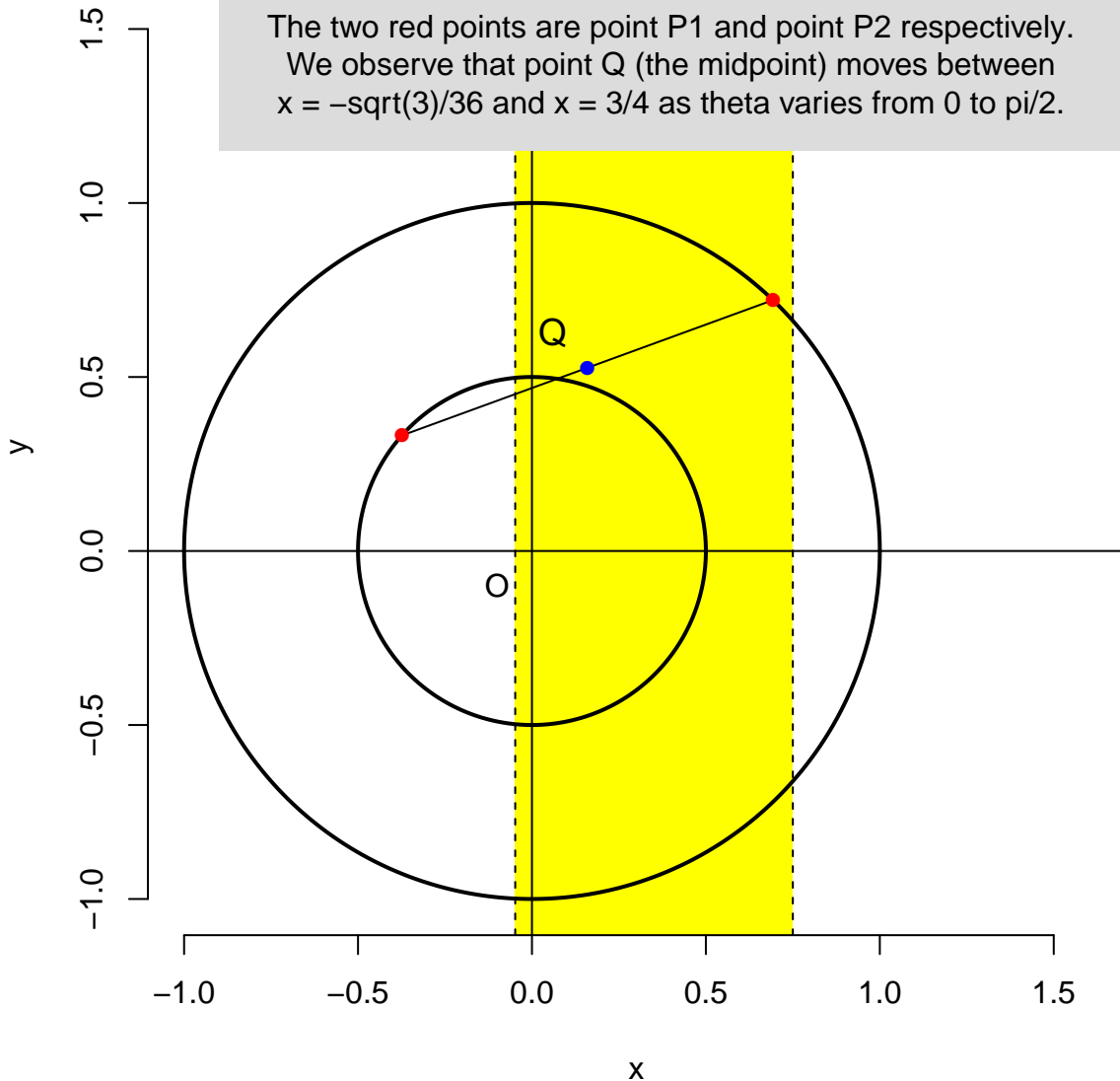**theta = 0.8052**

The two red points are point P1 and point P2 respectively.
We observe that point Q (the midpoint) moves between
x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

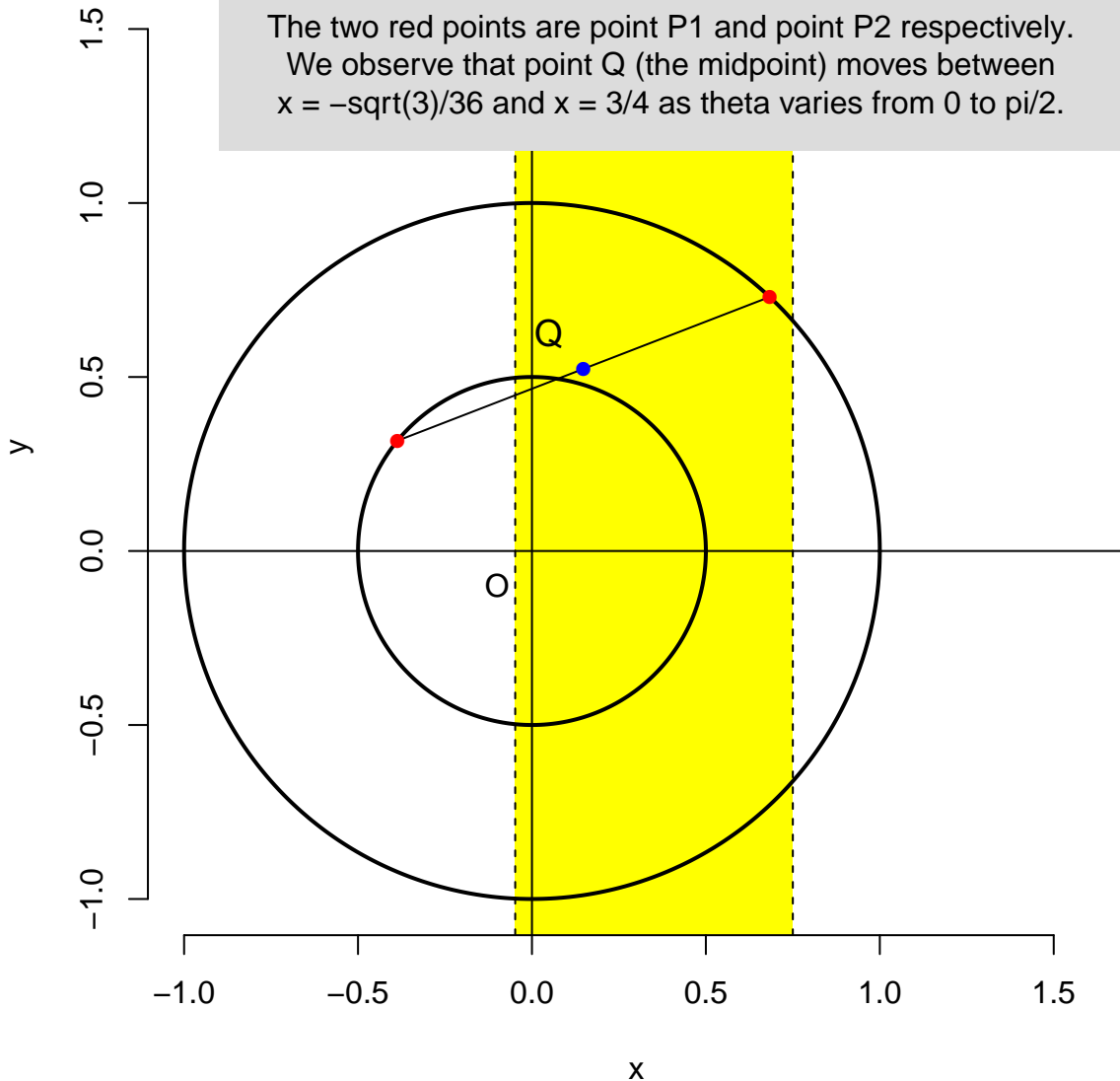**theta = 0.8184**

The two red points are point P1 and point P2 respectively.
We observe that point Q (the midpoint) moves between
x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

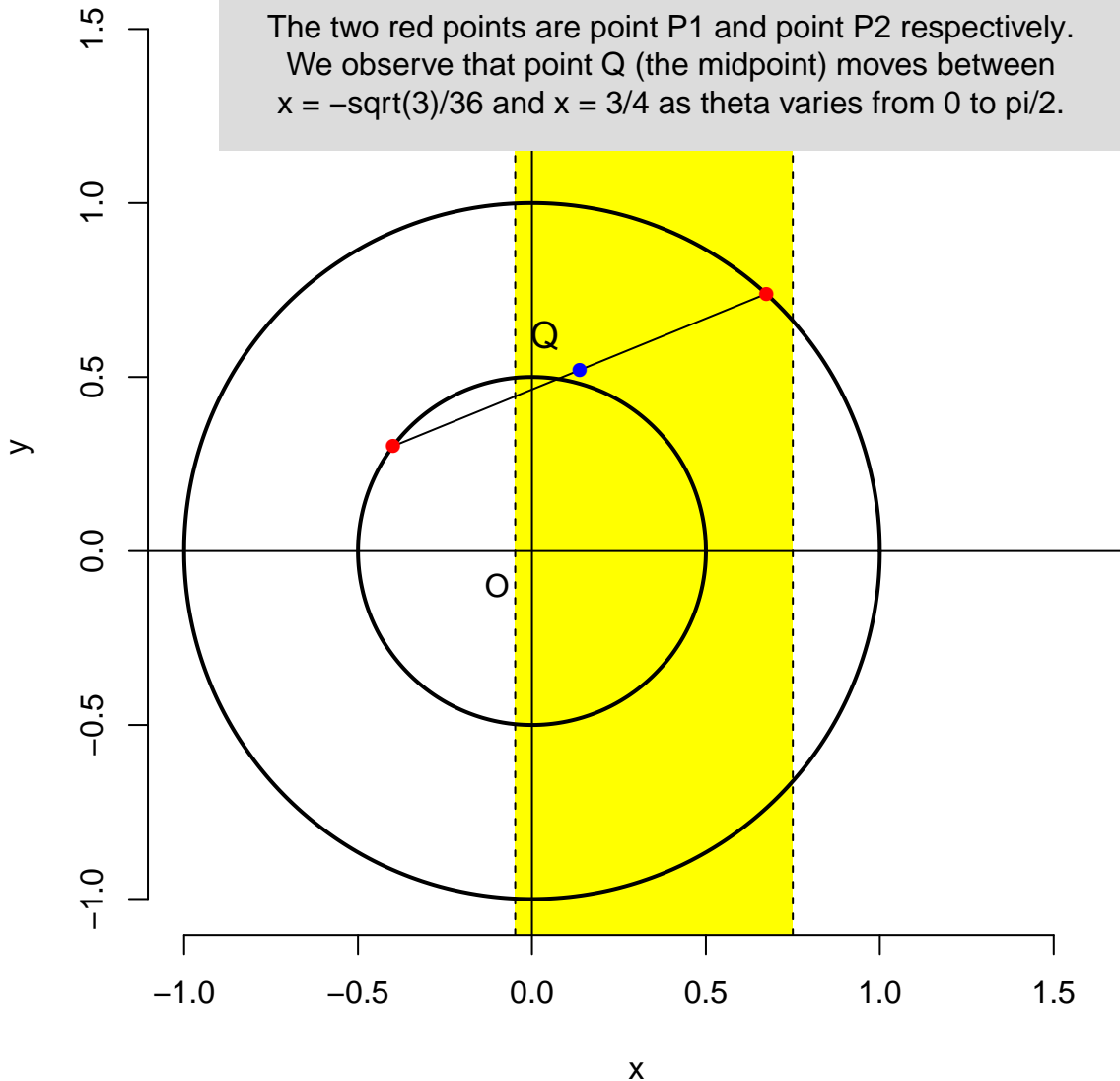**theta = 0.8316**

The two red points are point P1 and point P2 respectively.
We observe that point Q (the midpoint) moves between
x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

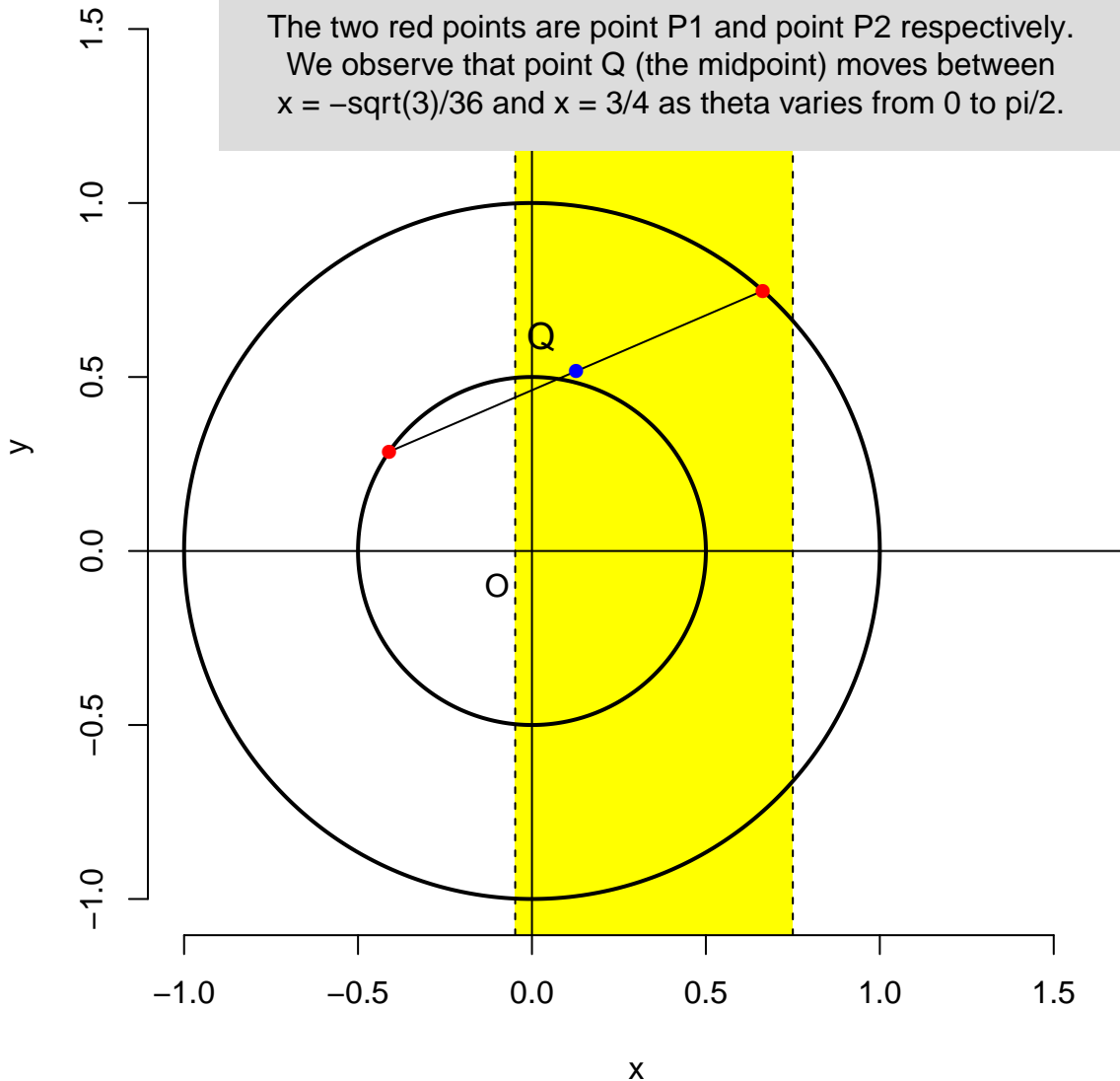**theta = 0.8448**

The two red points are point P1 and point P2 respectively.
We observe that point Q (the midpoint) moves between
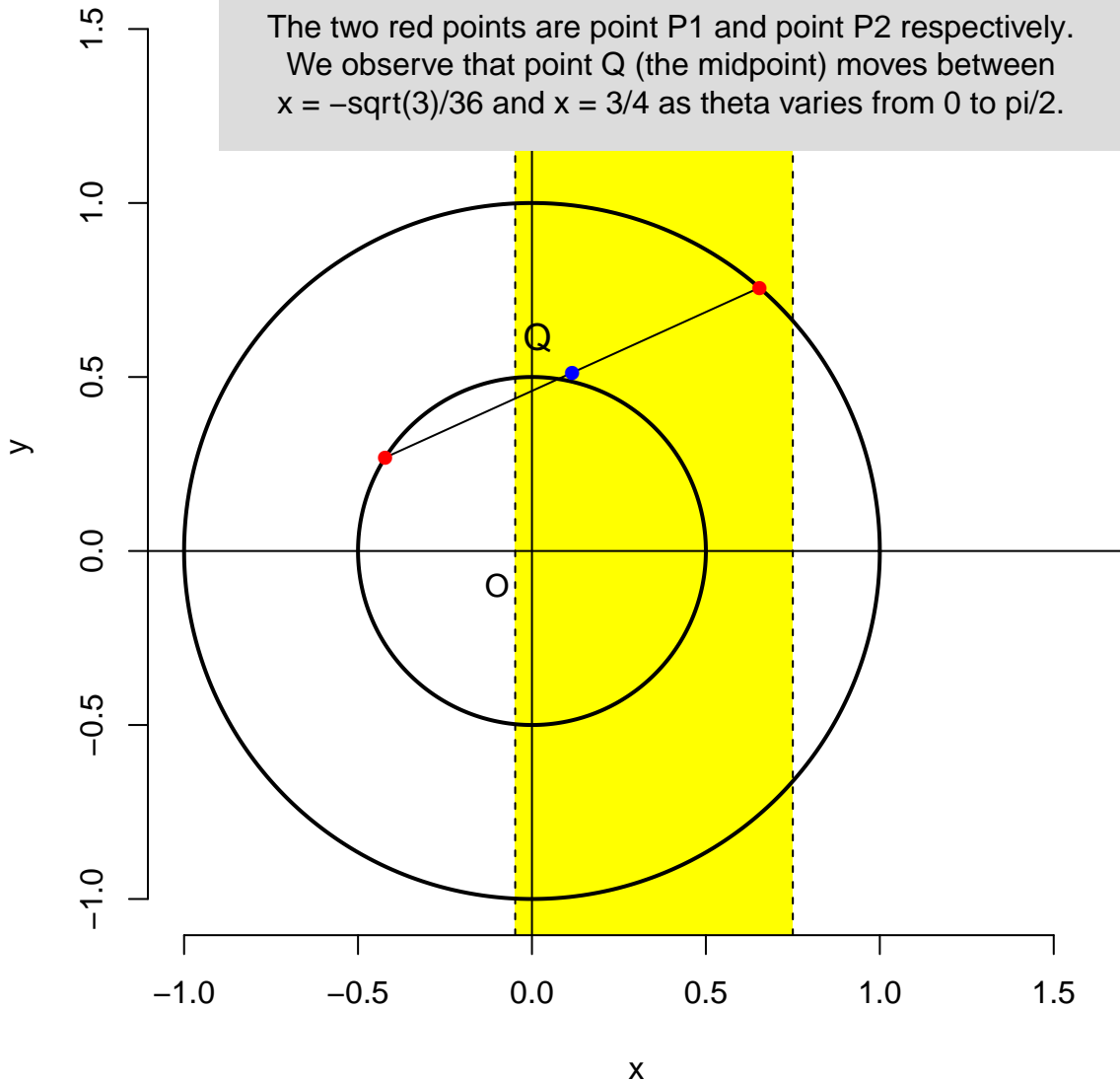x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

theta = 0.858

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

theta = 0.8712

The two red points are point P1 and point P2 respectively.
We observe that point Q (the midpoint) moves between
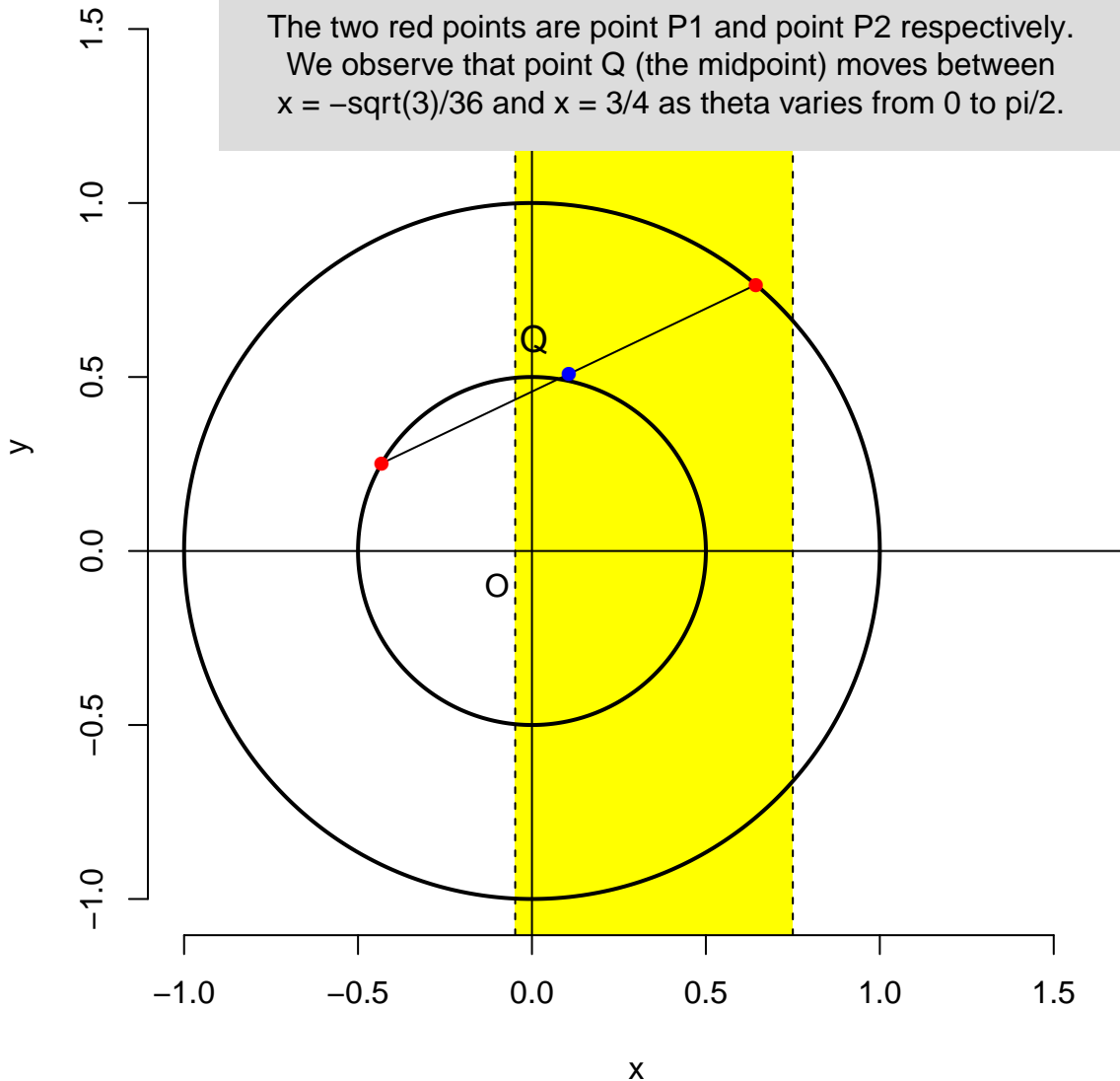x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

theta = 0.8844

The two red points are point P1 and point P2 respectively.
We observe that point Q (the midpoint) moves between
x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

Q

O

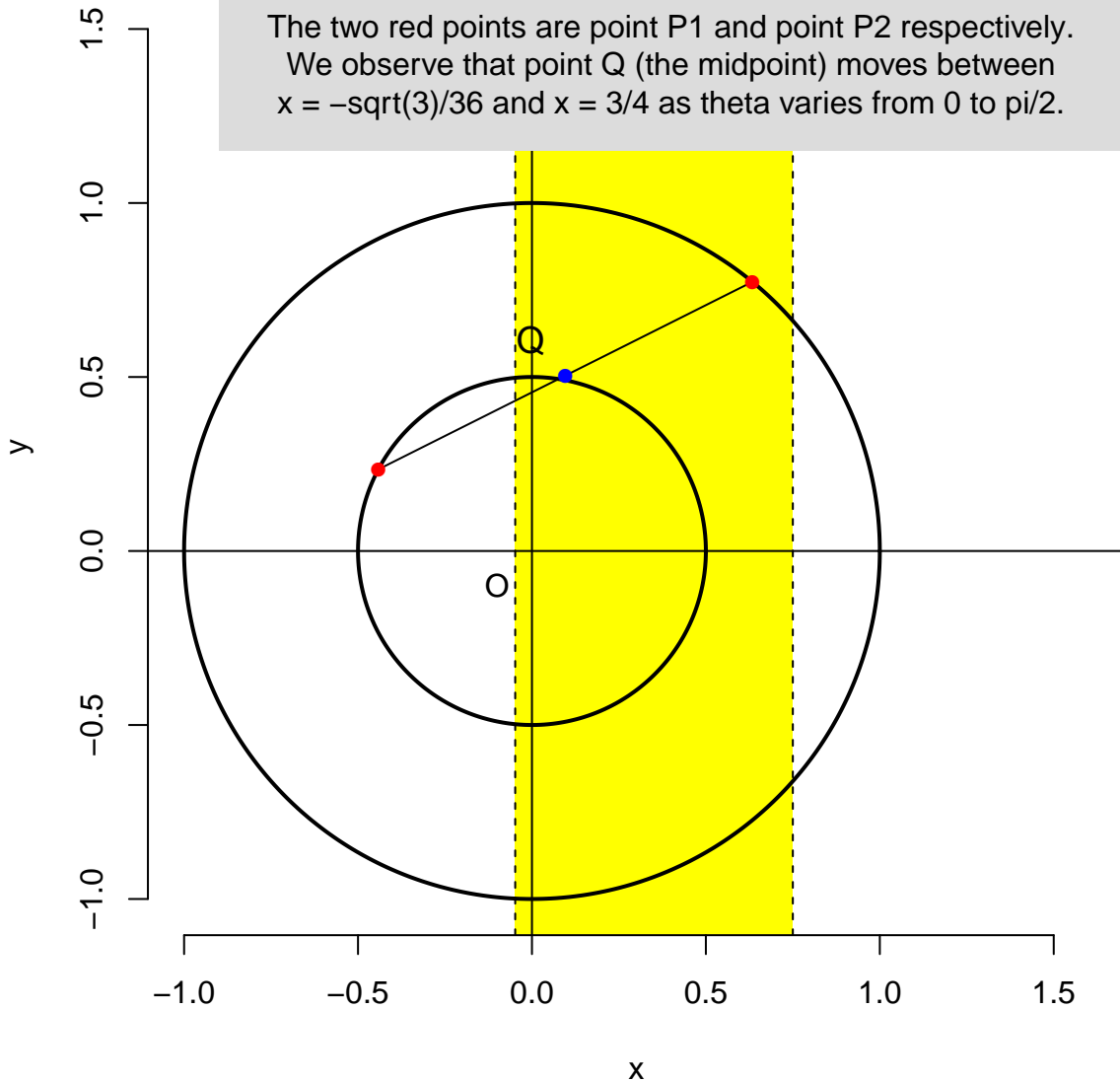**theta = 0.8976**

The two red points are point P1 and point P2 respectively.
We observe that point Q (the midpoint) moves between
x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

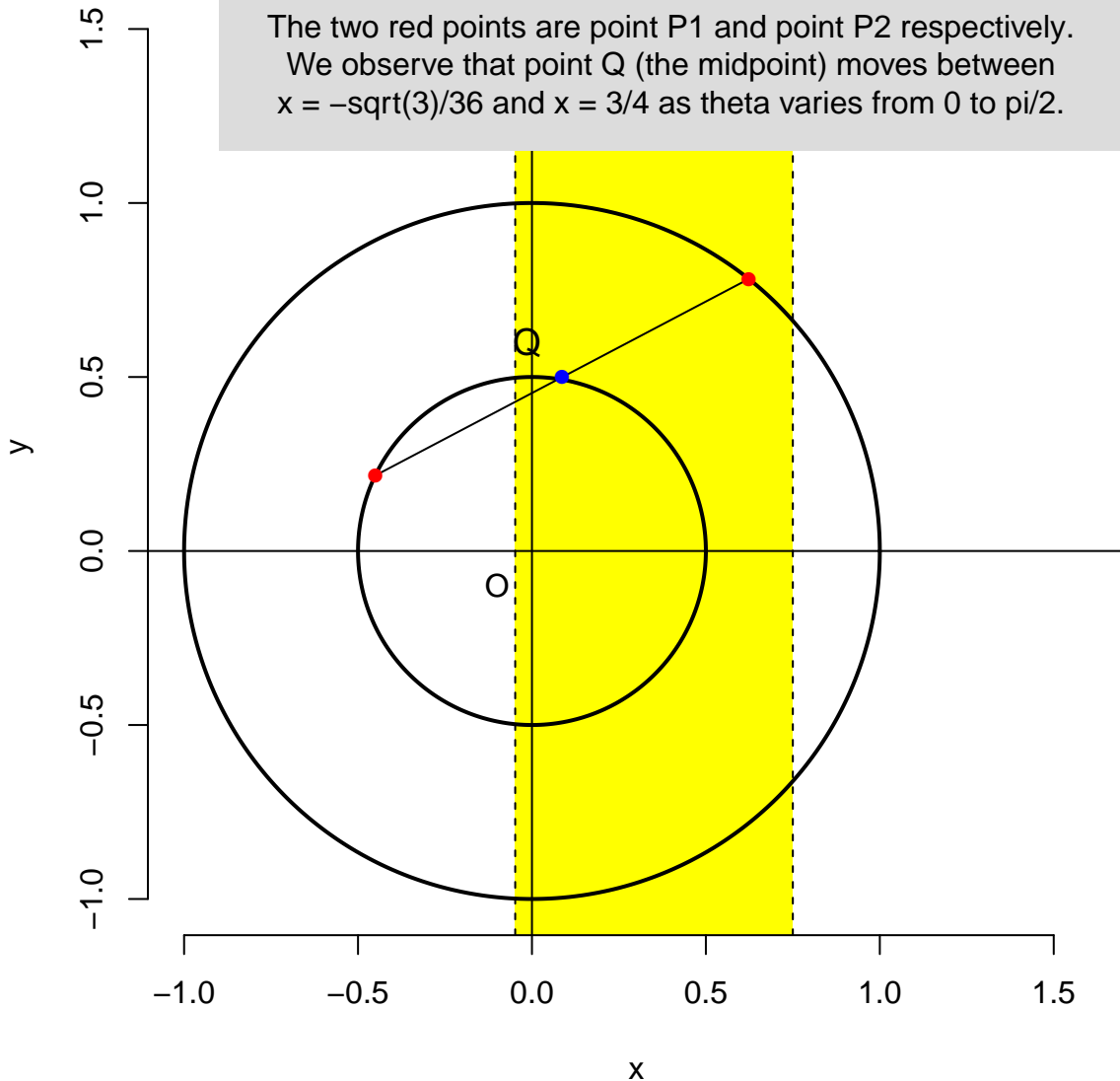# theta = 0.9108

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

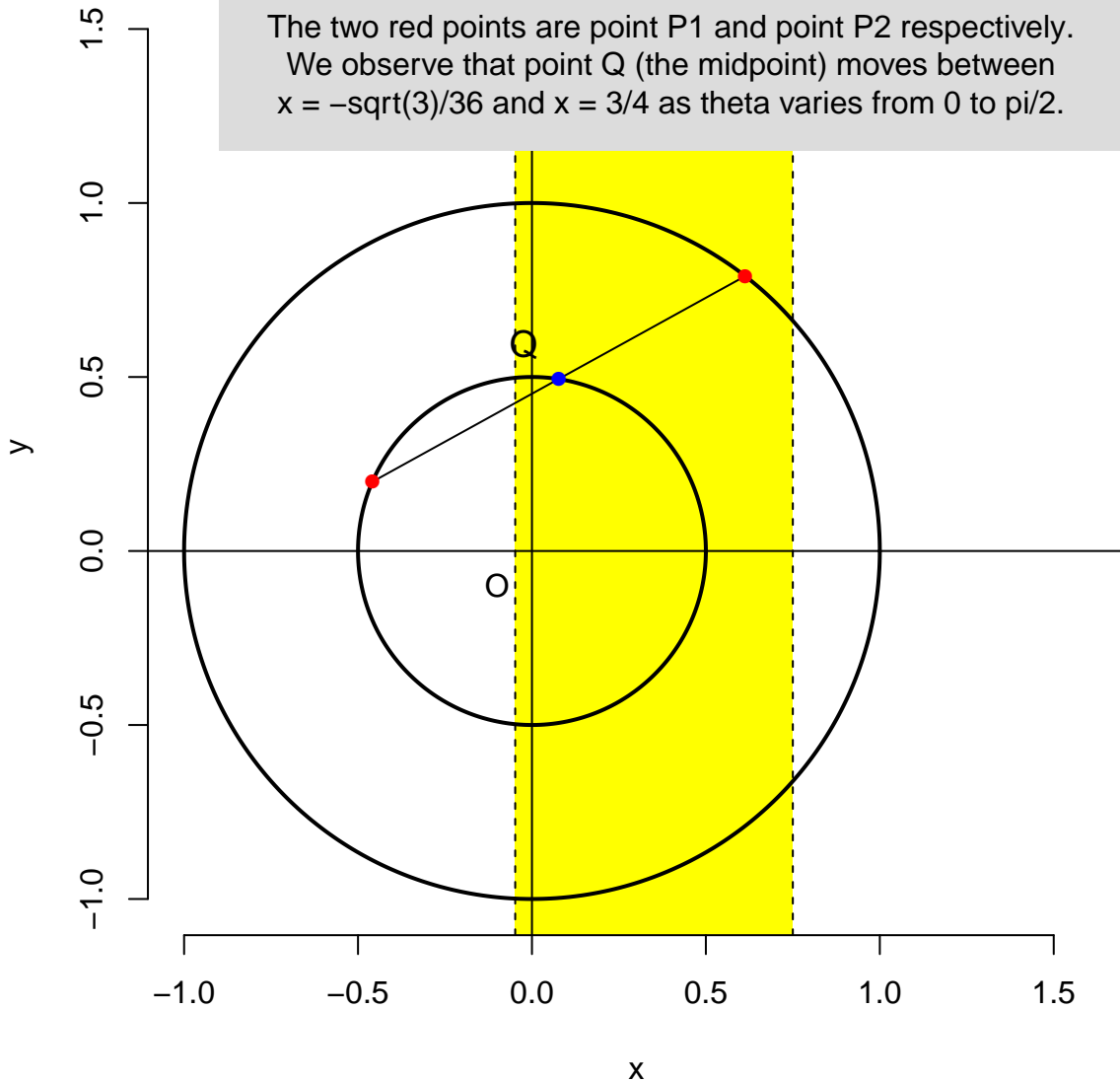**theta = 0.924**

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

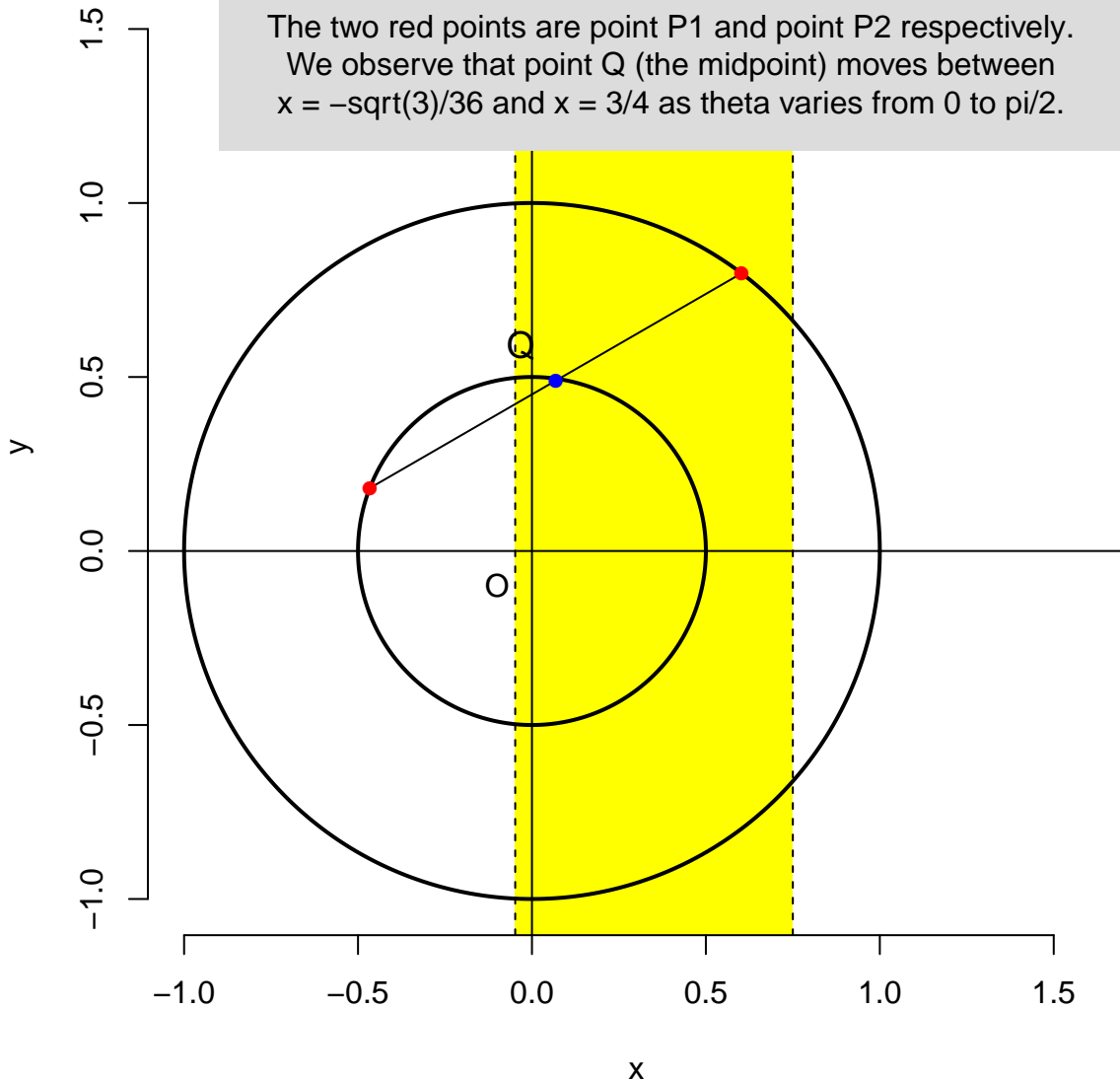**theta = 0.9372**

The two red points are point P1 and point P2 respectively.
We observe that point Q (the midpoint) moves between
x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

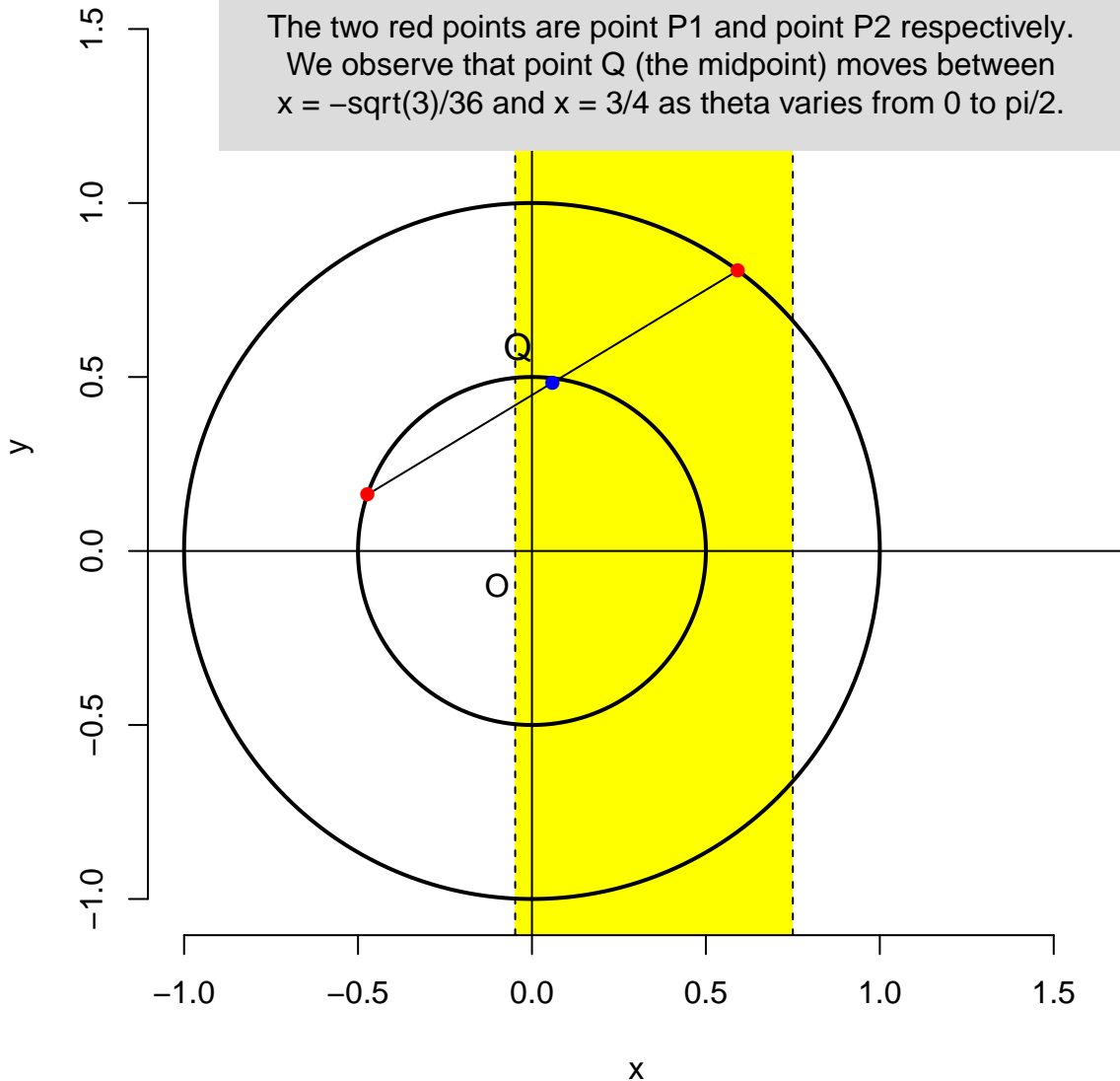**theta = 0.9504**

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

theta = 0.9636

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between $x = -\sqrt{3}/36$ and $x = 3/4$ as theta varies from 0 to pi/2.
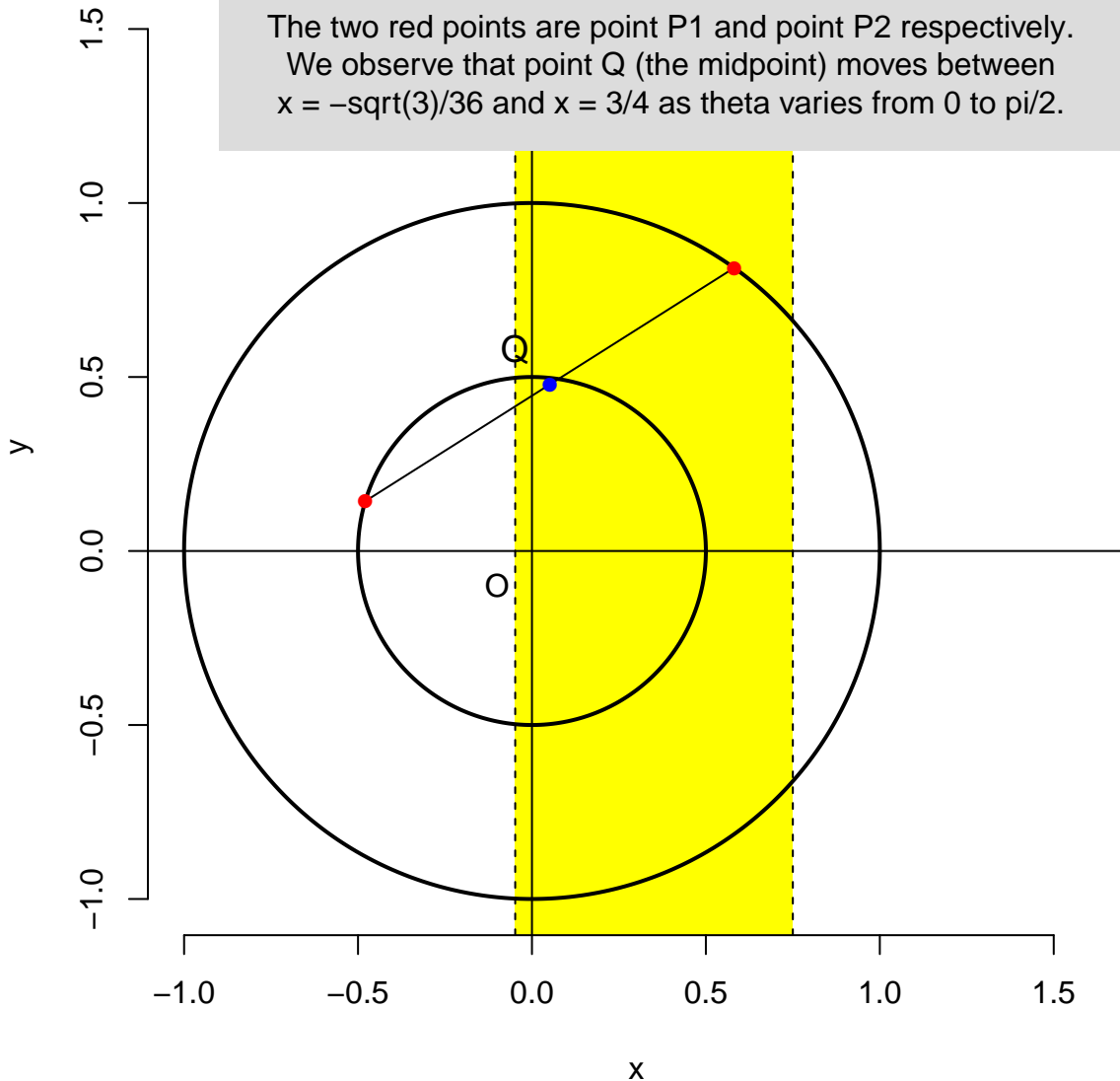
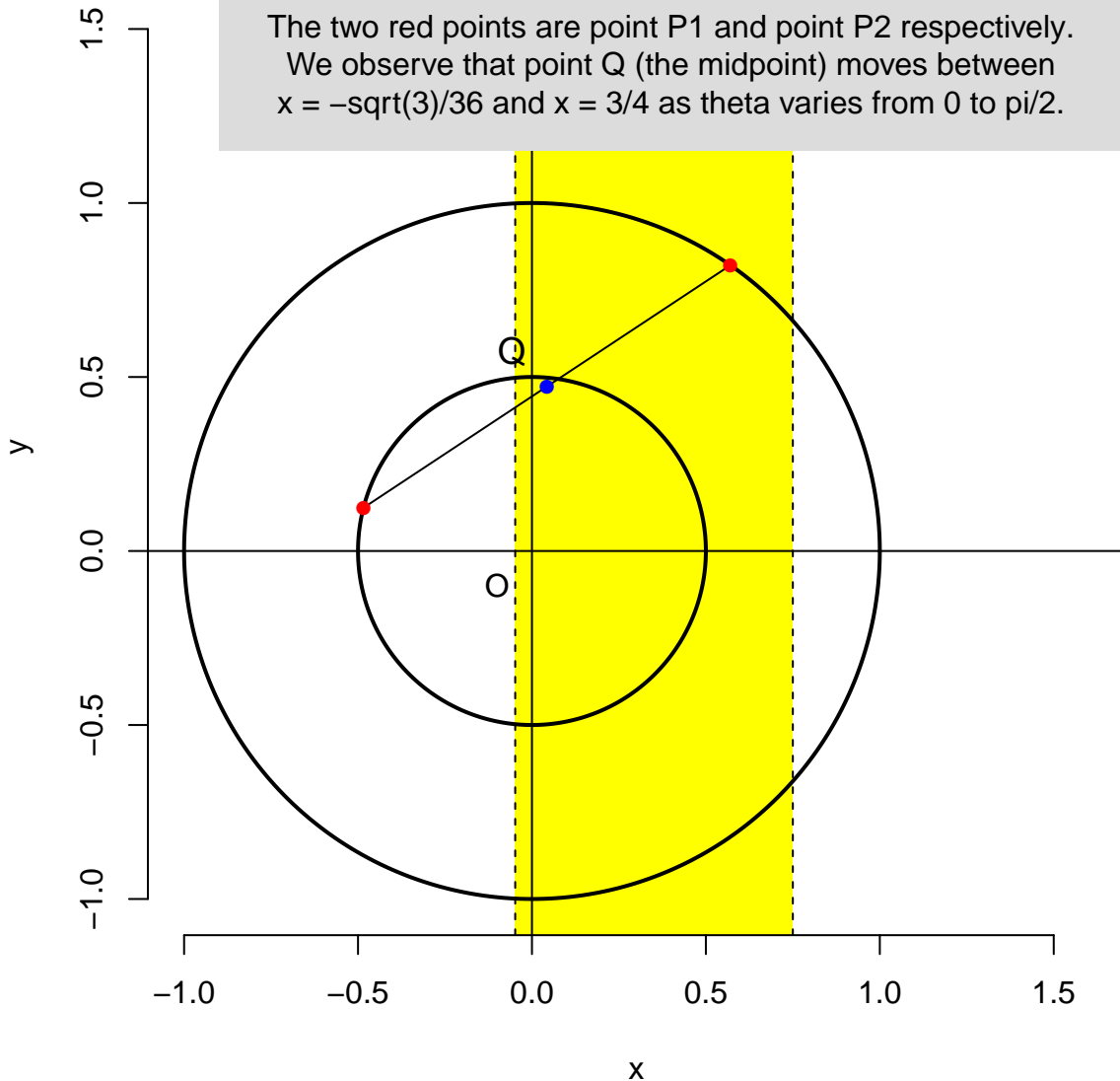**theta = 0.9768**

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

theta = 0.99

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between $x = -\sqrt{3}/36$ and $x = 3/4$ as theta varies from 0 to pi/2.
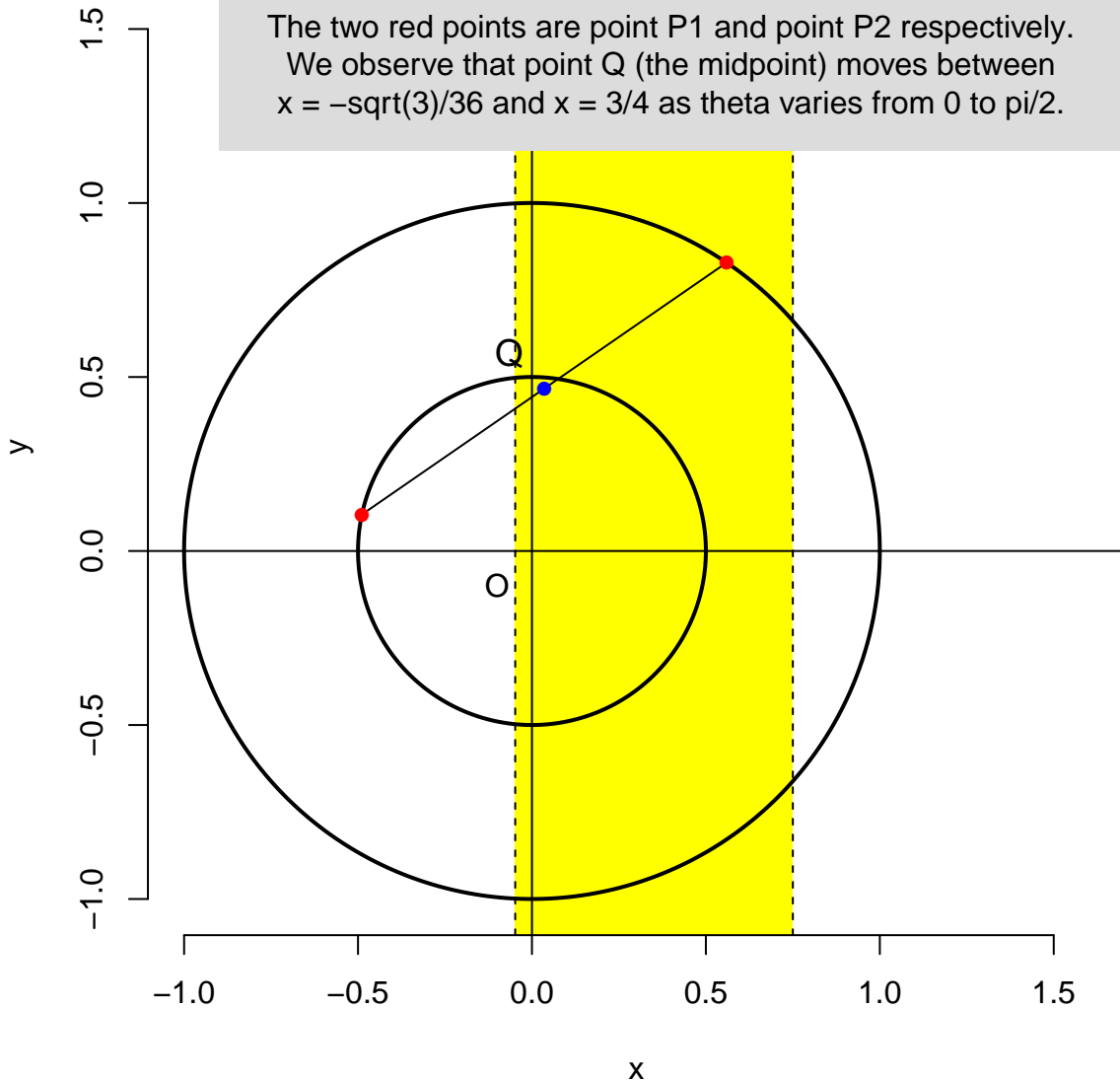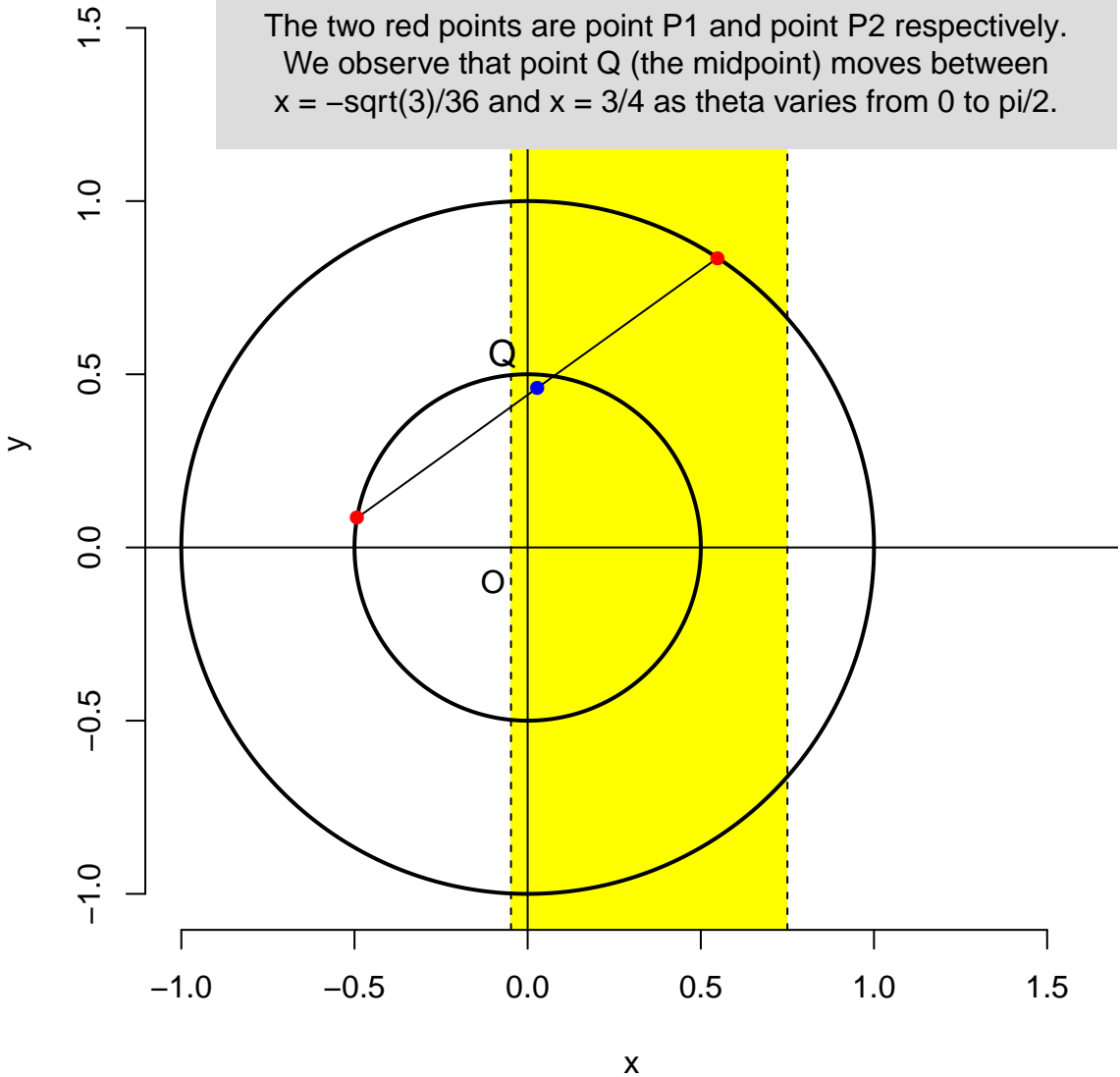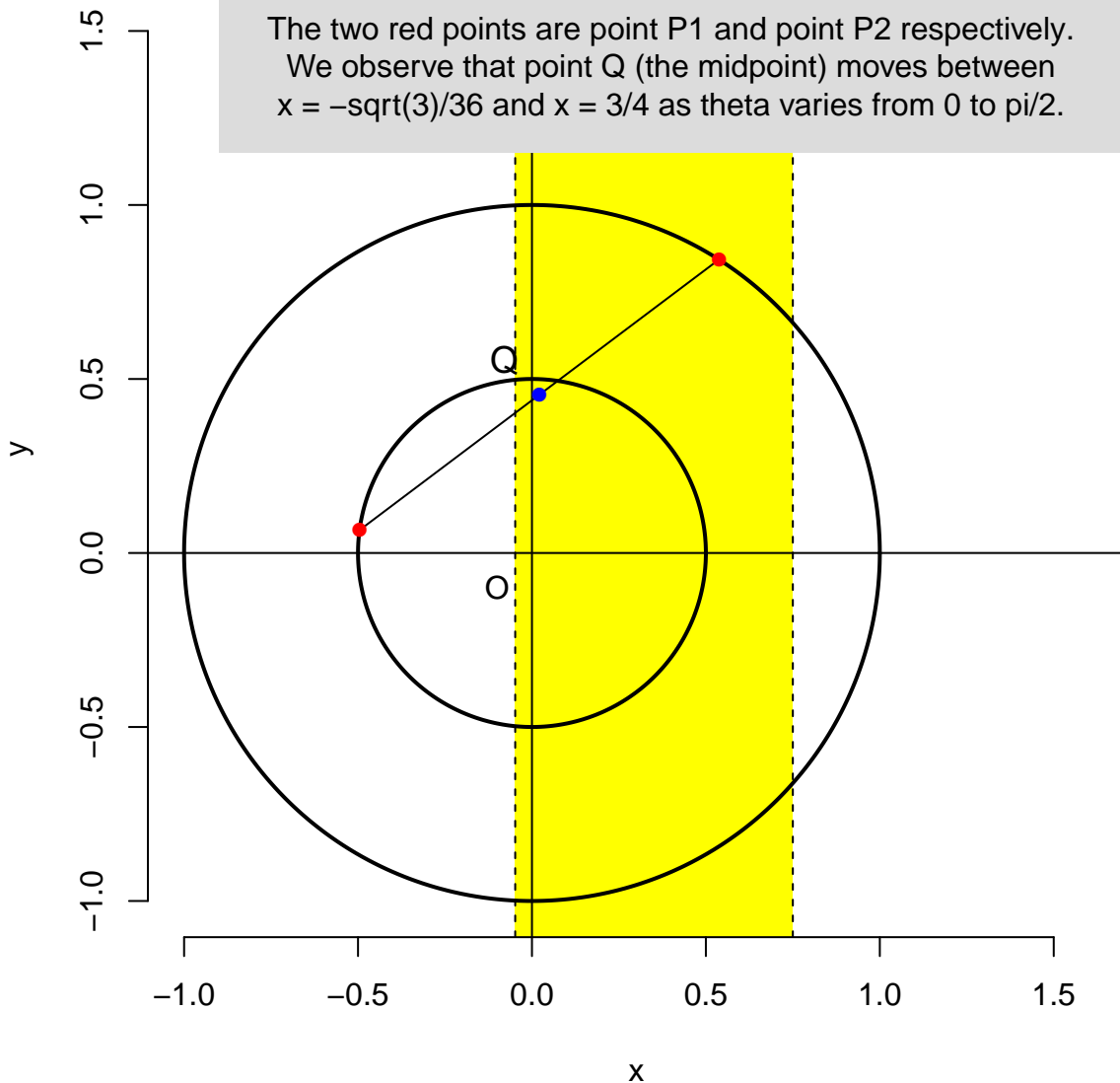
theta = 1.0032

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

theta = 1.0164

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

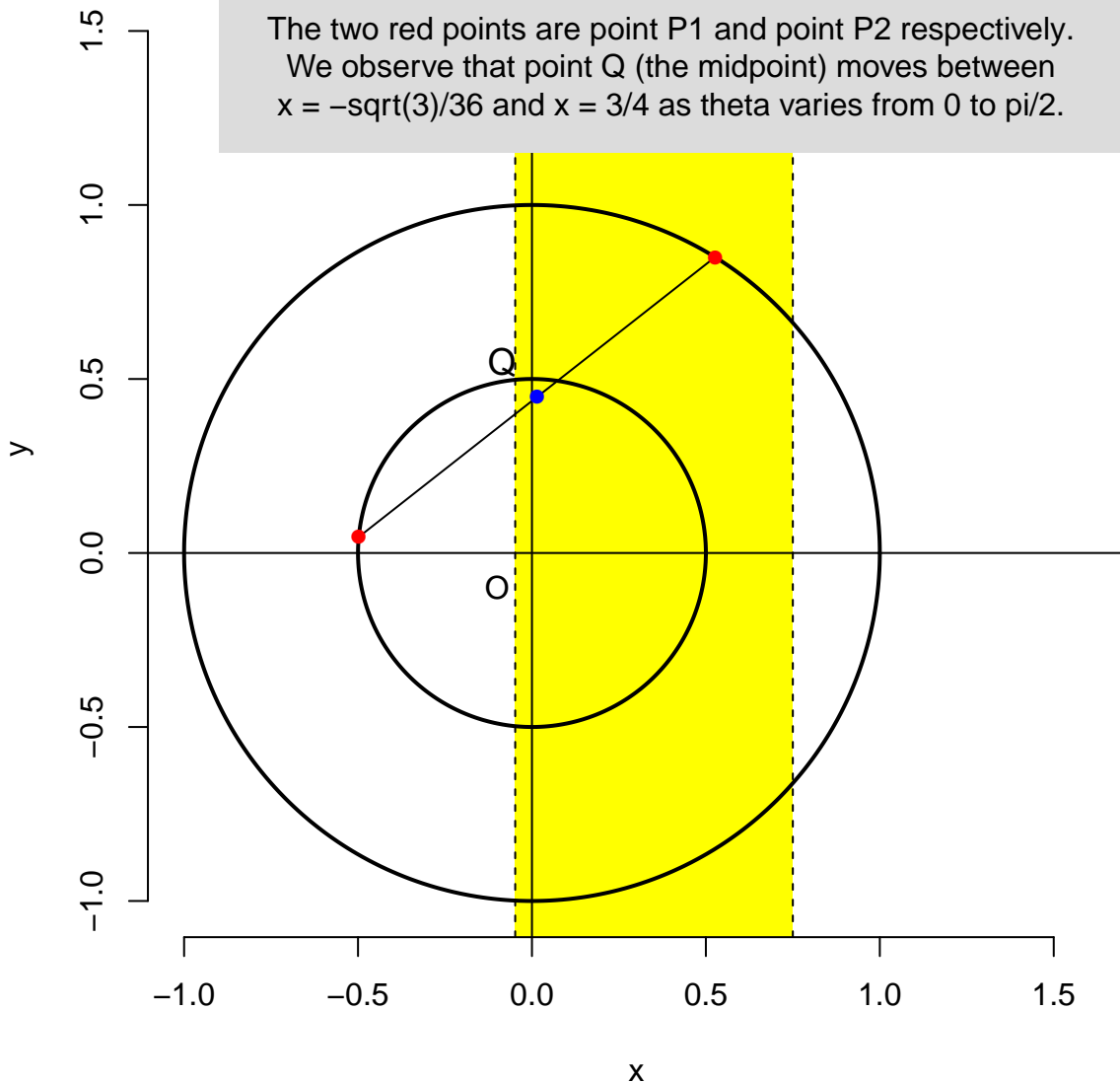**theta = 1.0296**

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

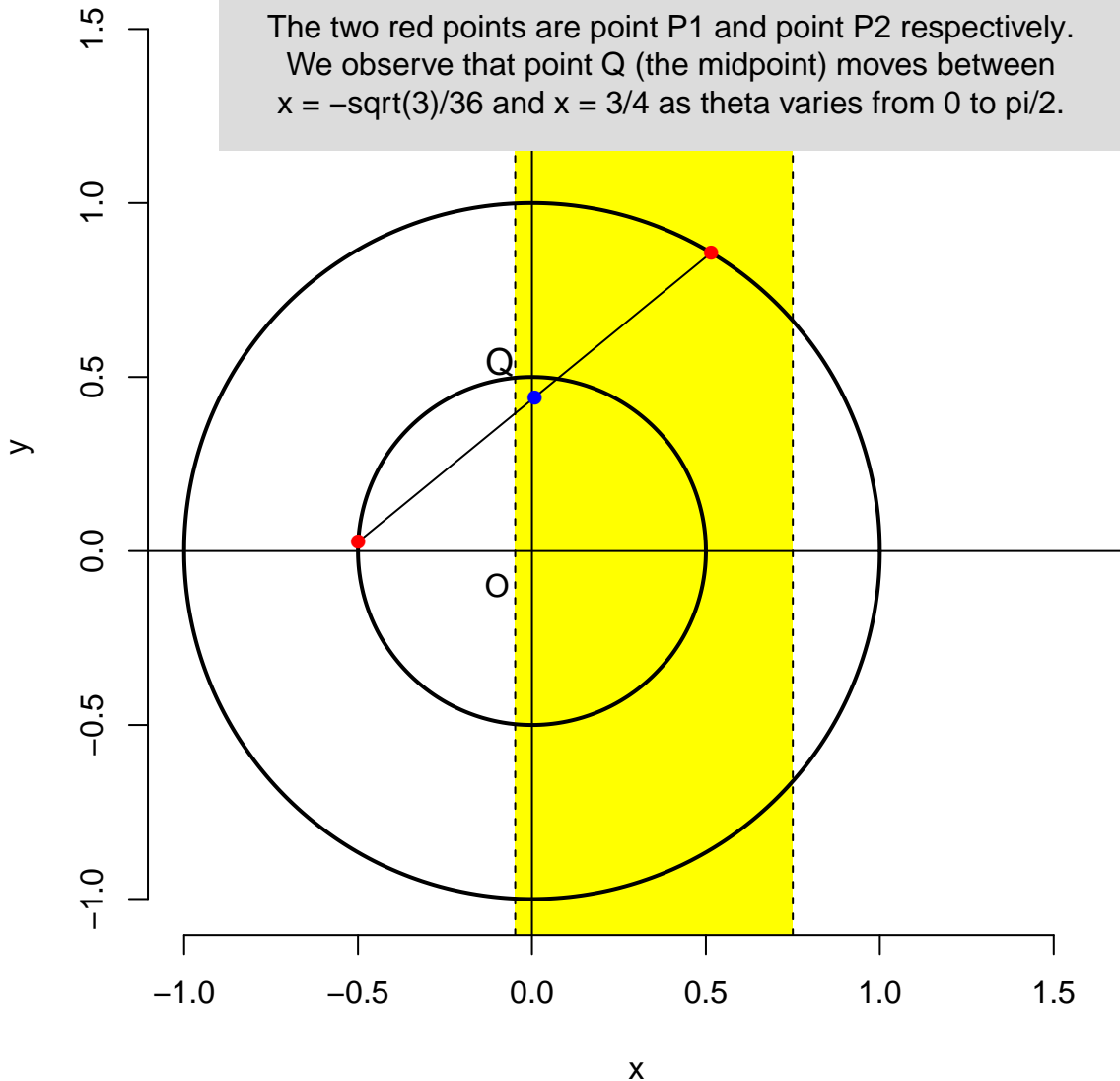**theta = 1.0428**

The two red points are point P1 and point P2 respectively.
We observe that point Q (the midpoint) moves between
x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

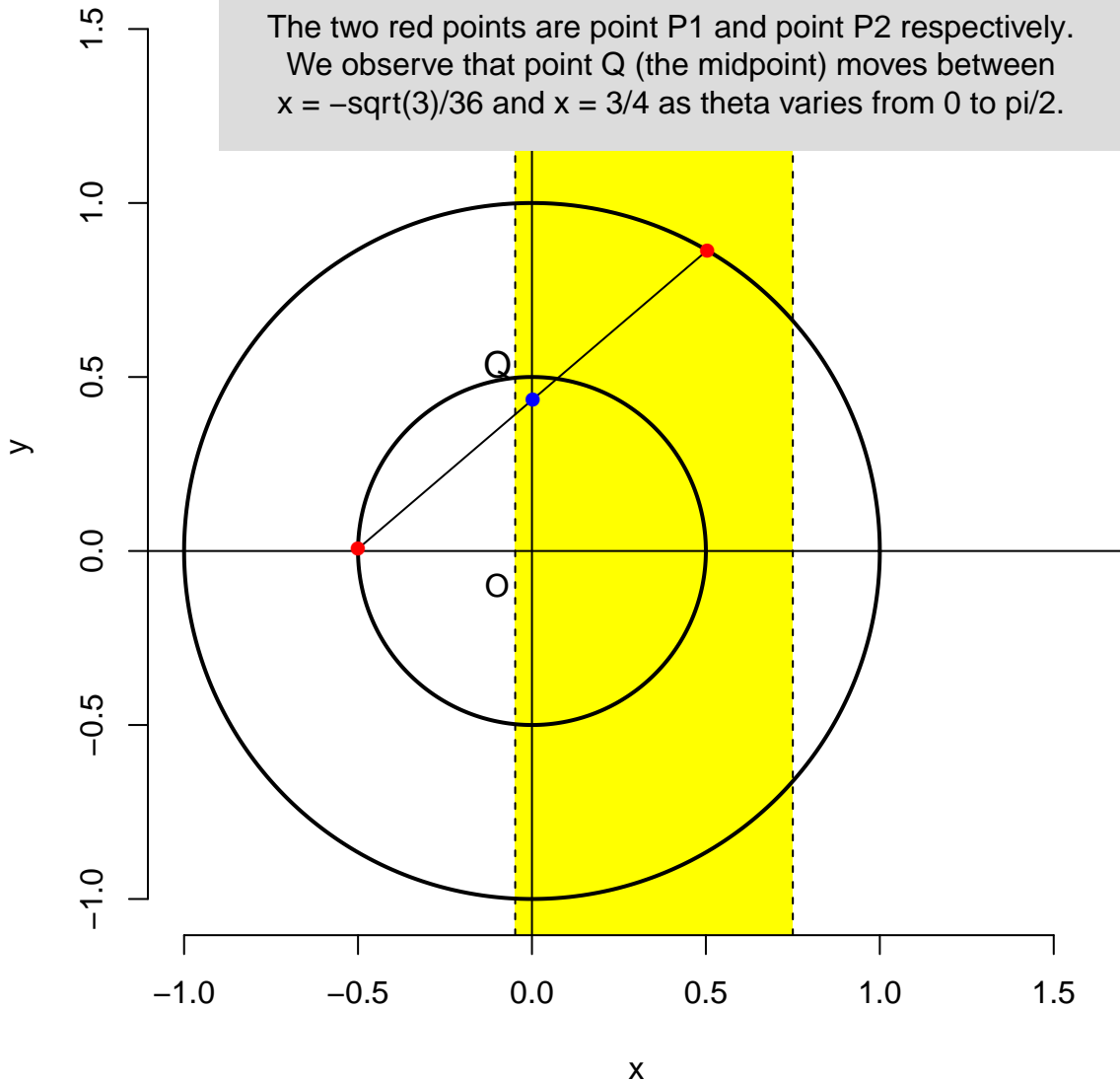**theta = 1.056**

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

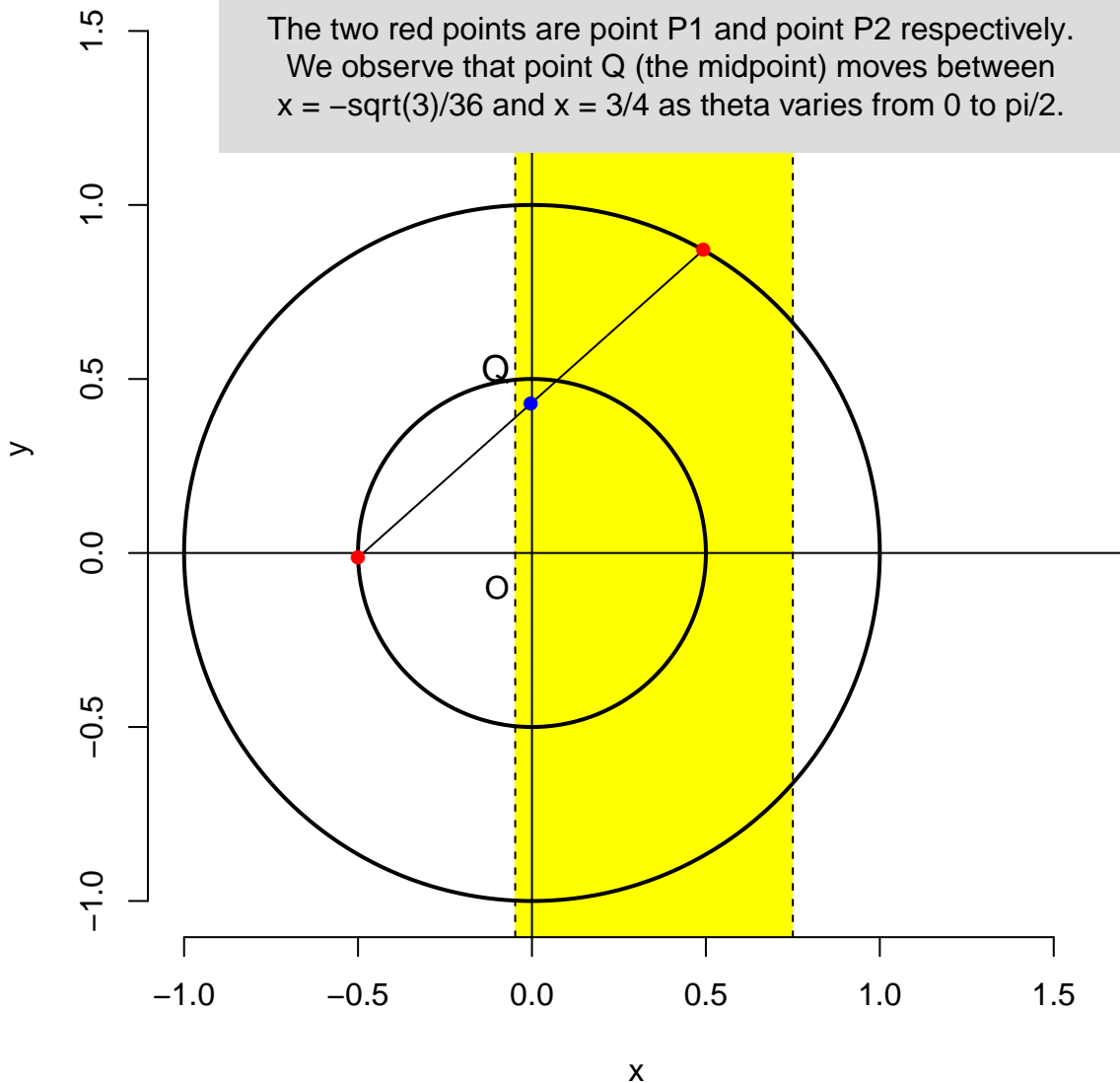**theta = 1.0692**

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

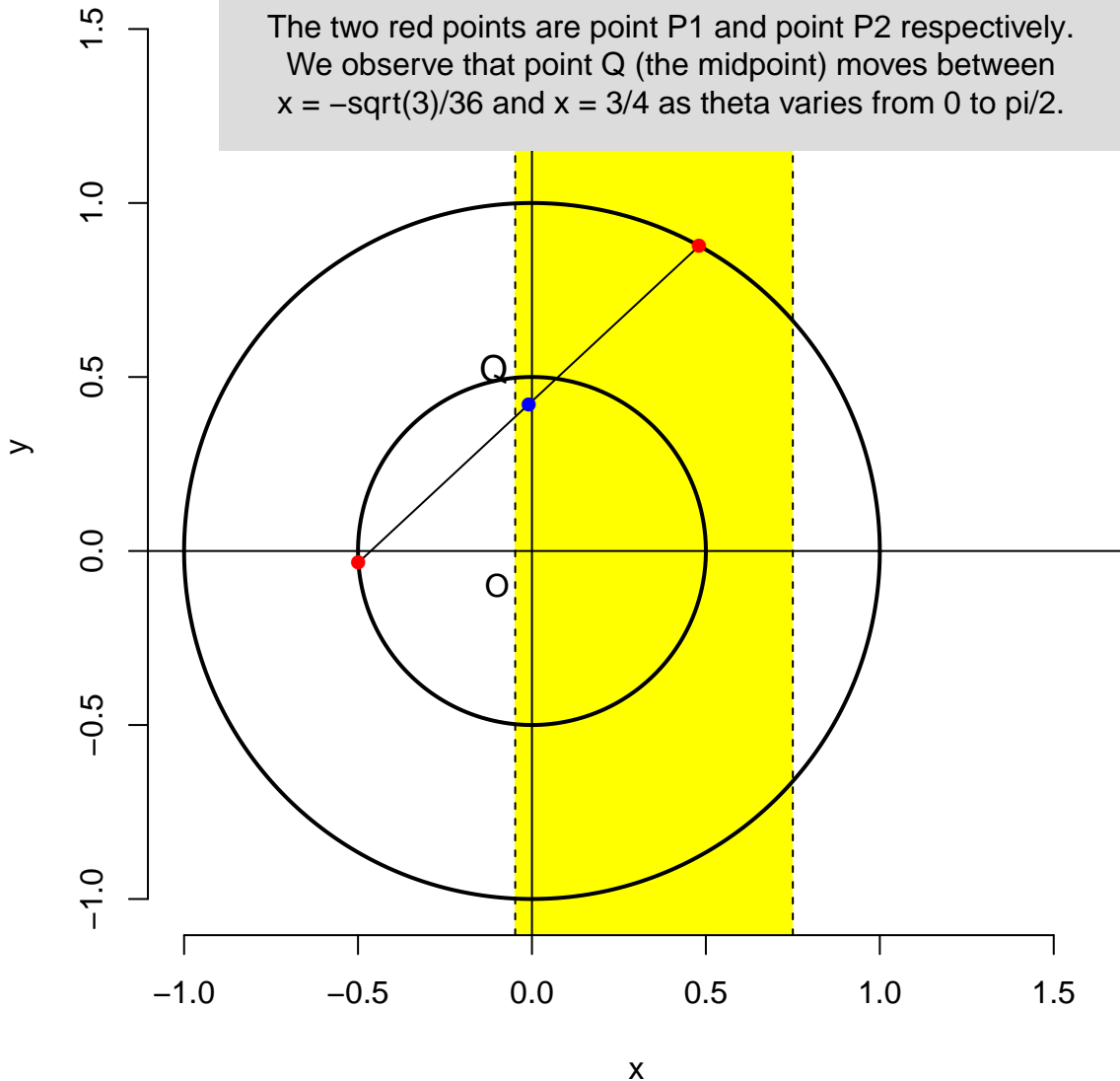**theta = 1.0824**

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

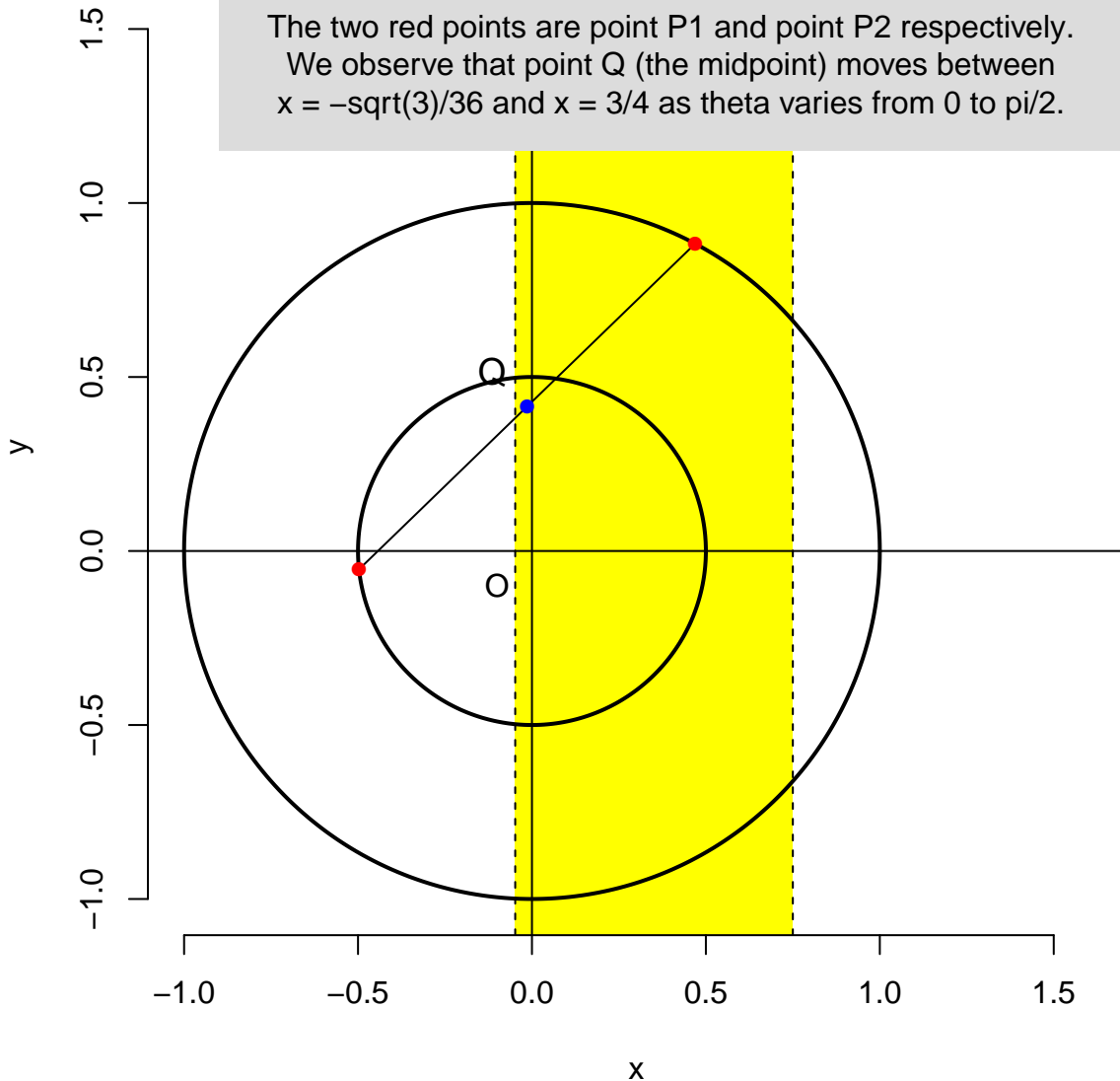# theta = 1.0956

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

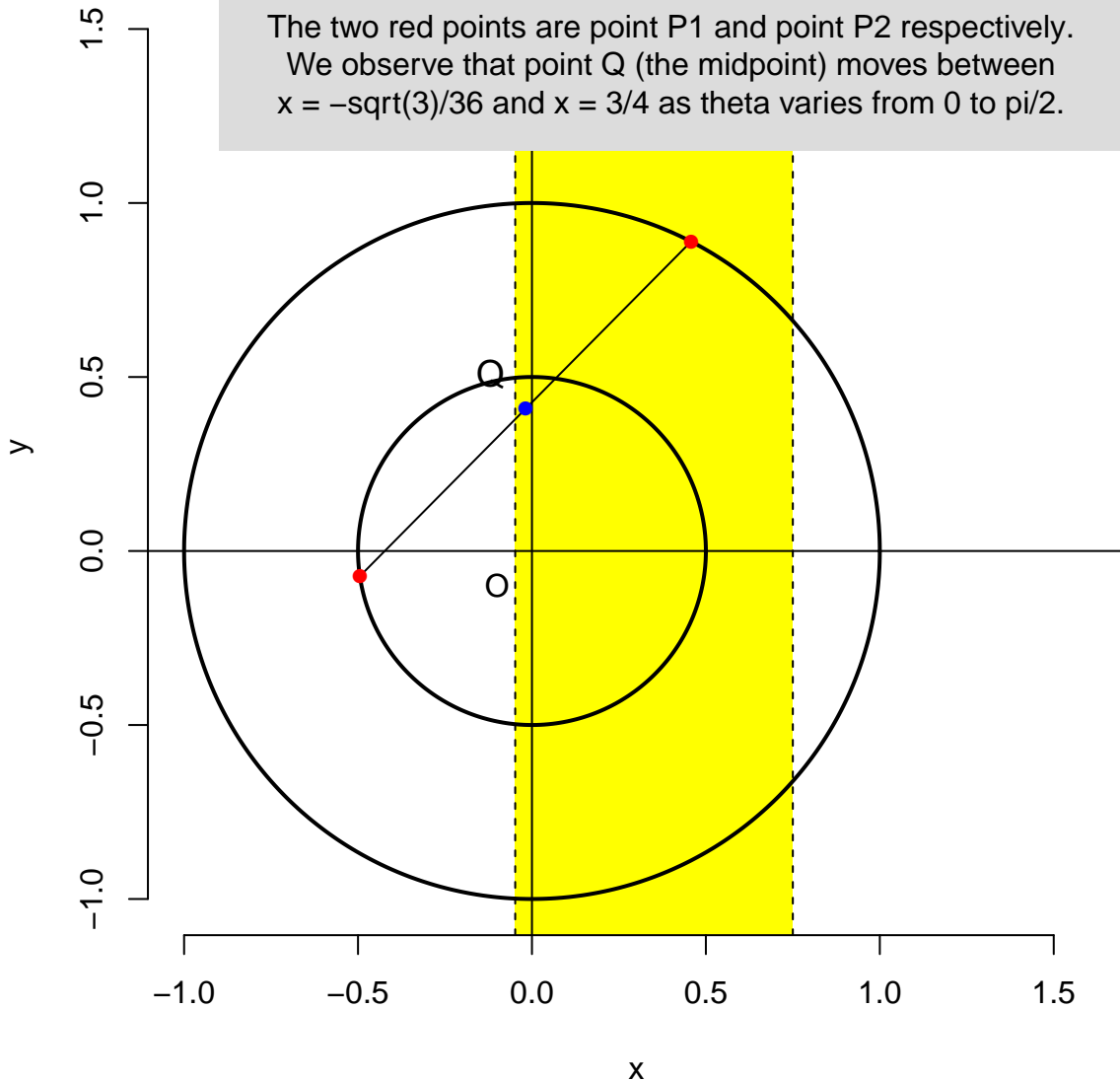**theta = 1.1088**

The two red points are point P1 and point P2 respectively.
We observe that point Q (the midpoint) moves between
x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

theta = 1.122

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between $x = -\sqrt{3}/36$ and $x = 3/4$ as theta varies from 0 to pi/2.
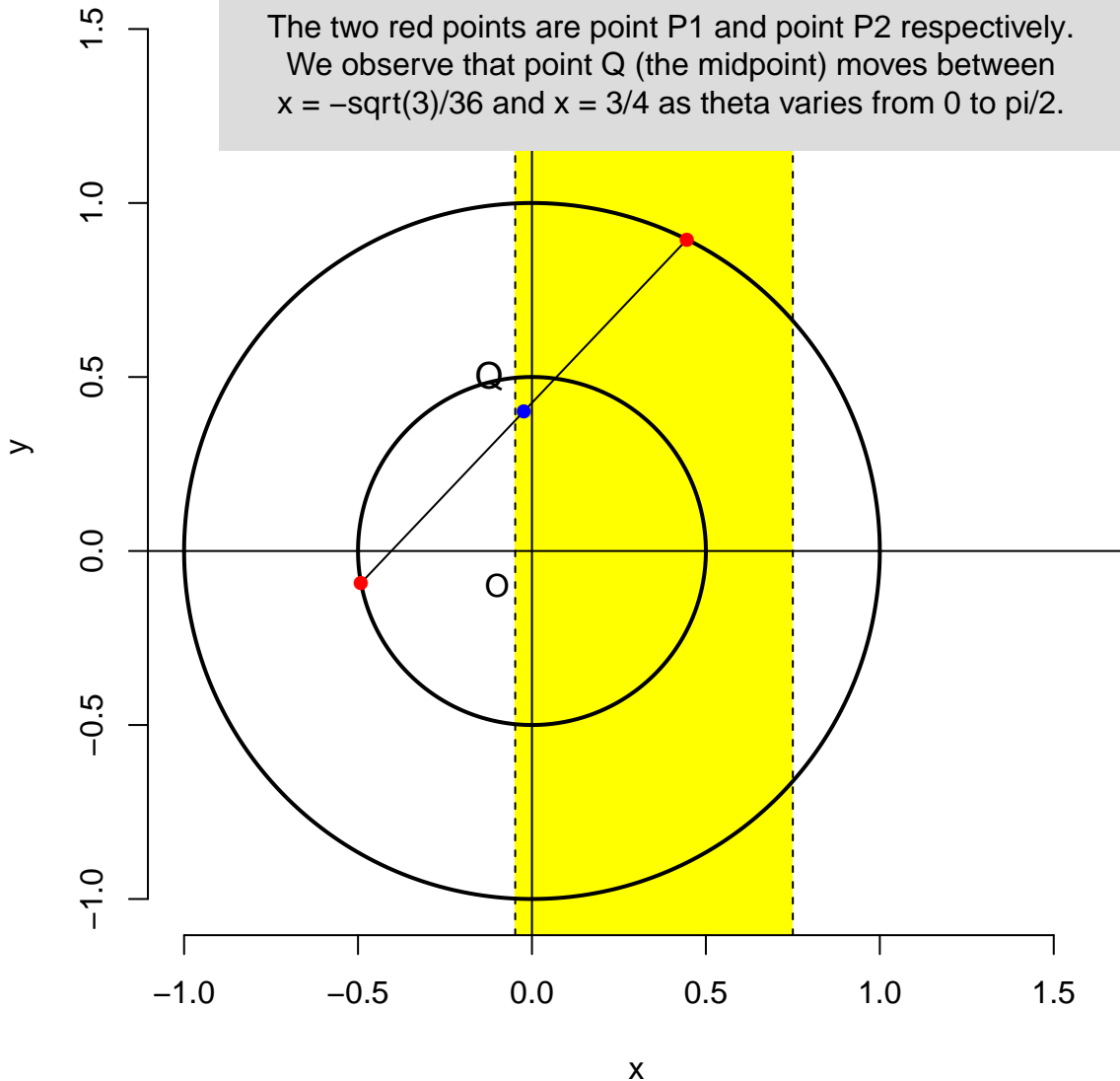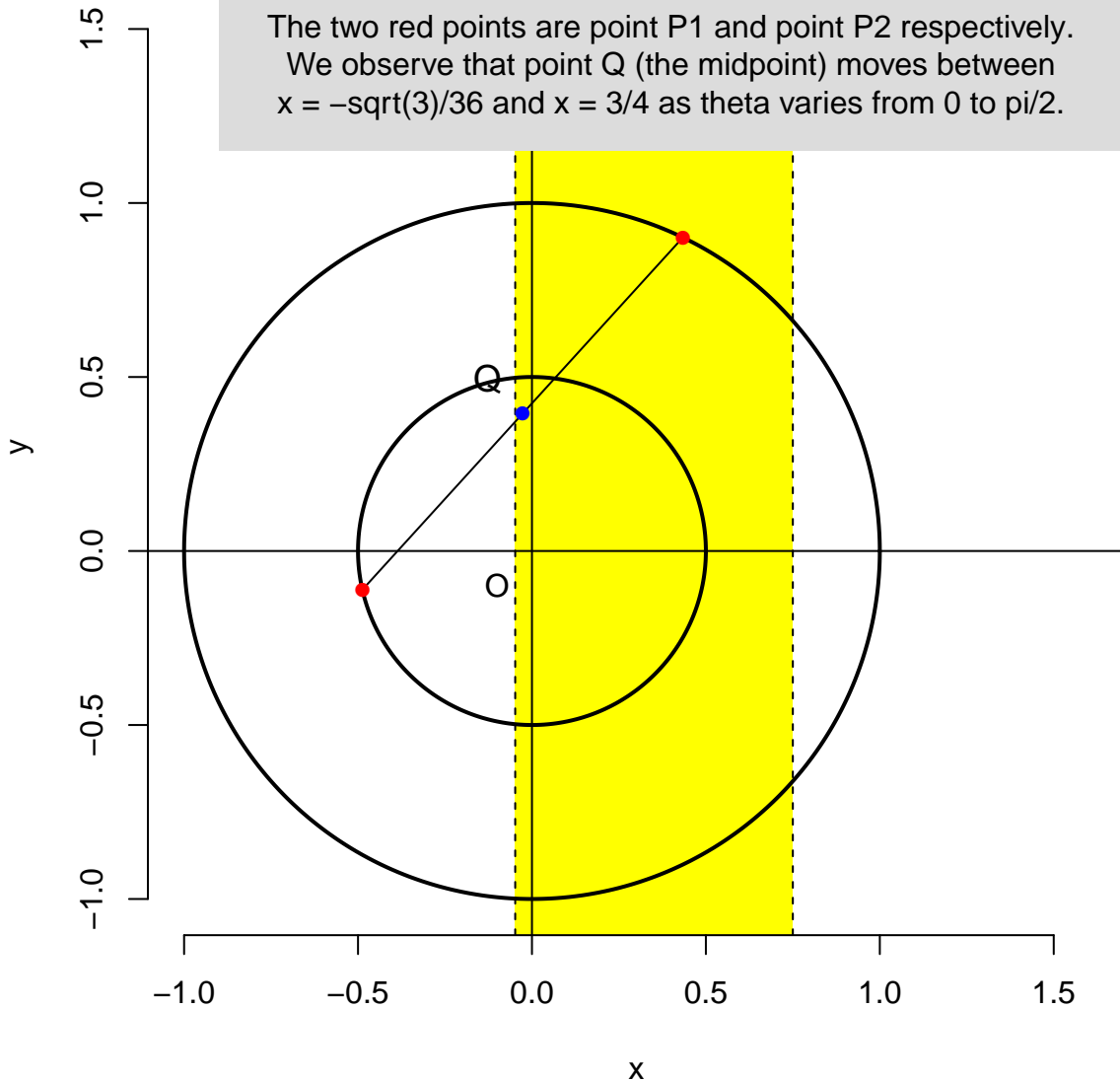
theta = 1.1352

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

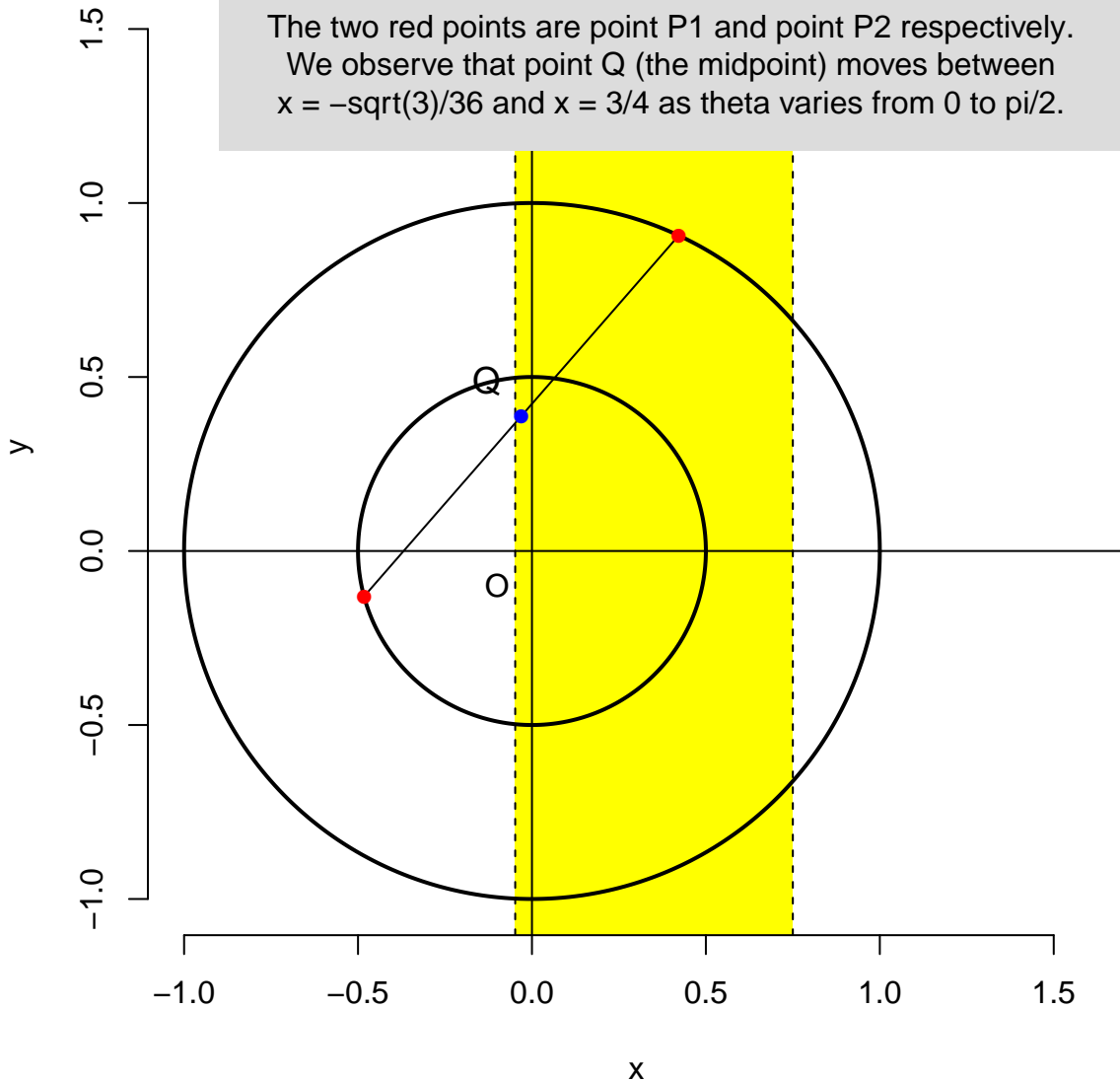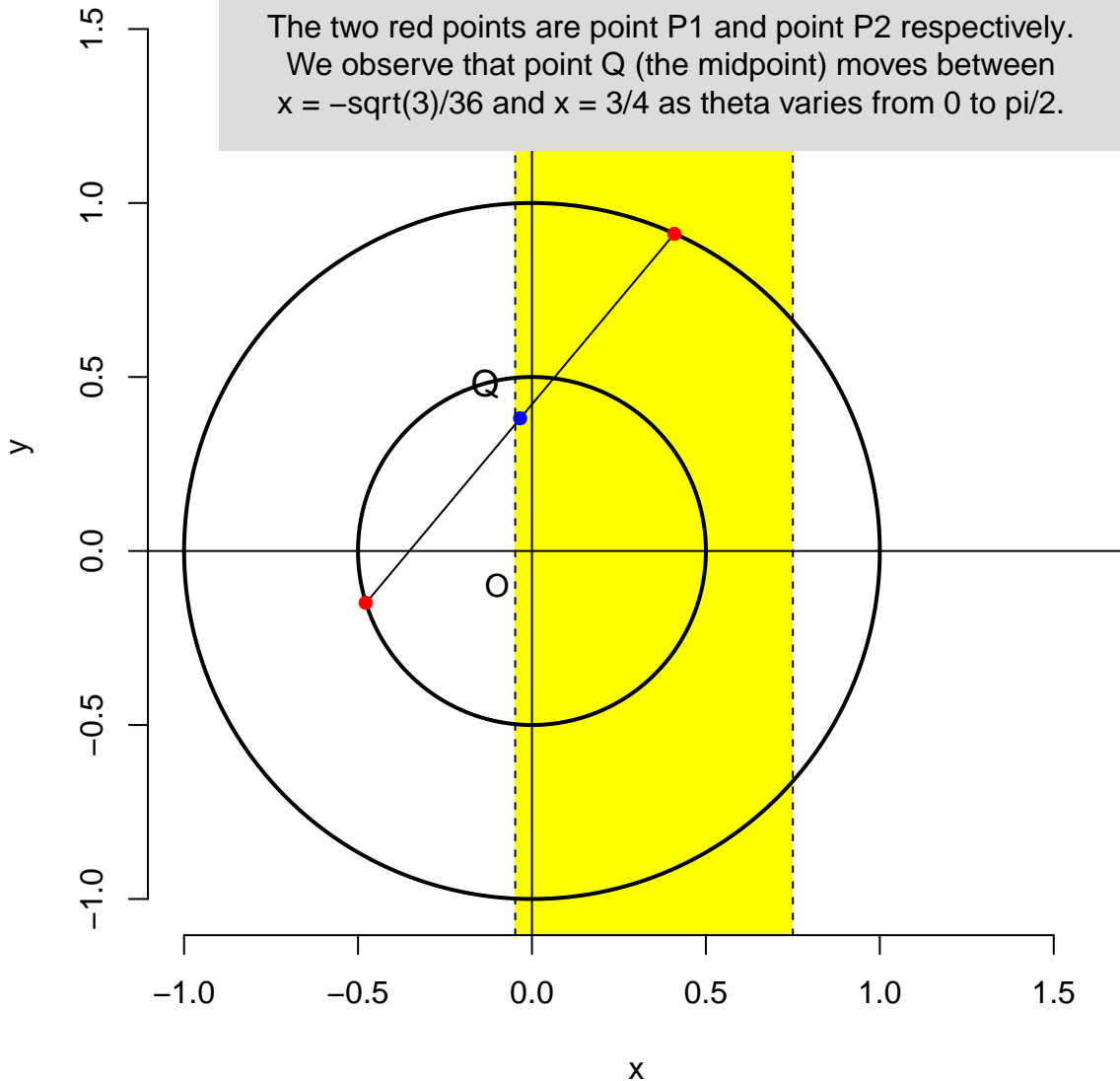# theta = 1.1484

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

theta = 1.1616

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.
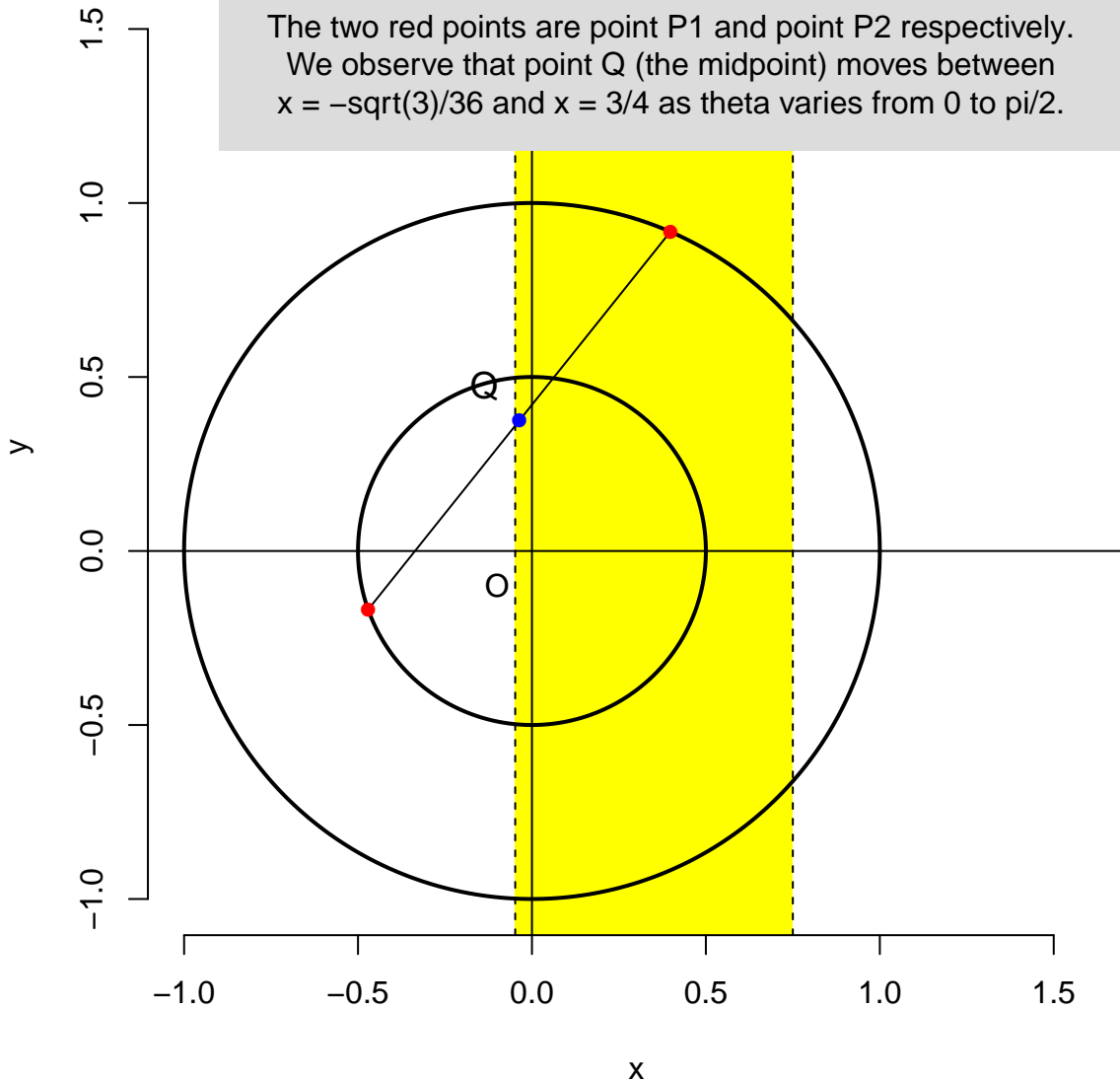
O

Q

O

x

y

theta = 1.1748

The two red points are point P1 and point P2 respectively.
We observe that point Q (the midpoint) moves between
x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

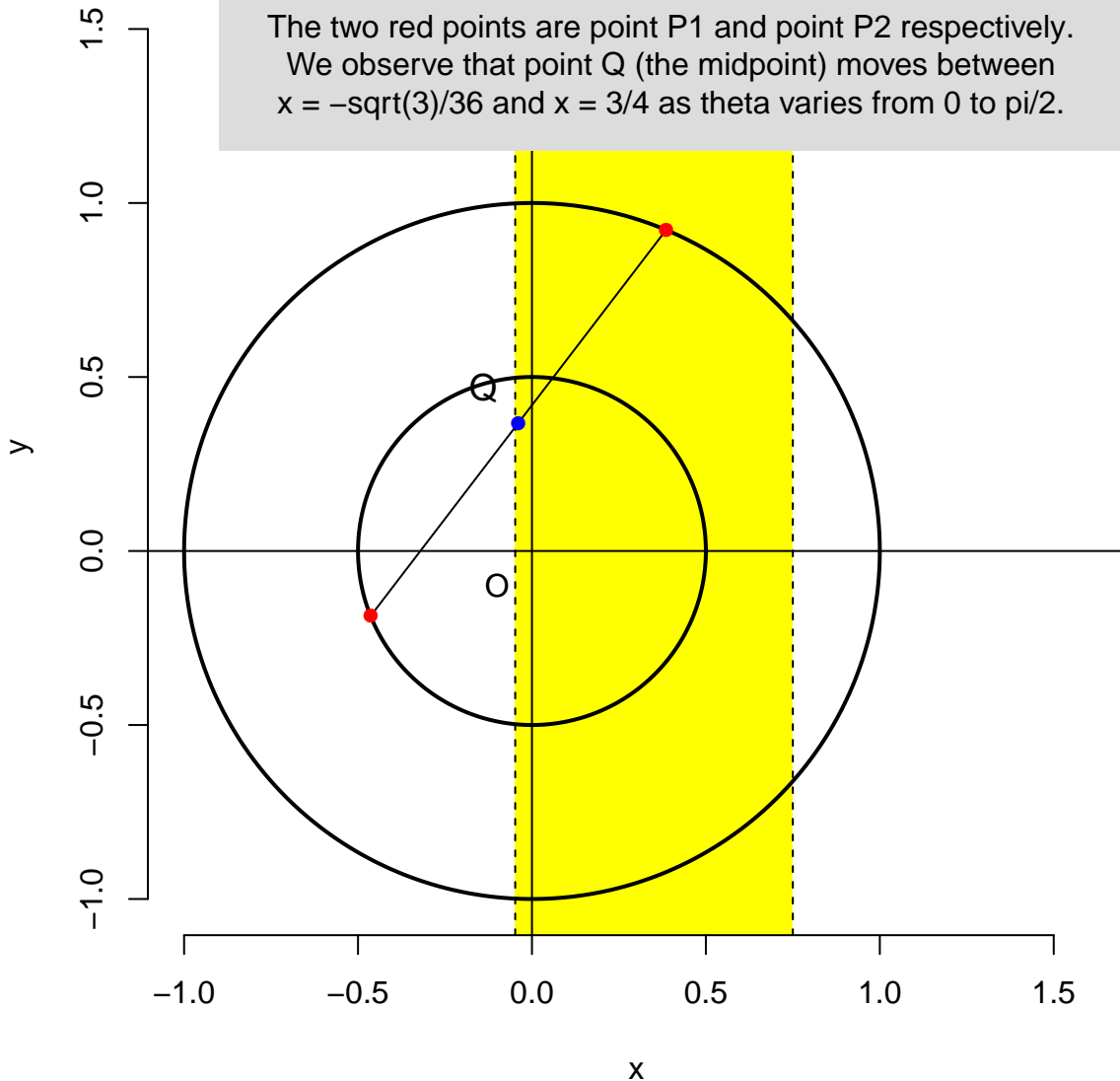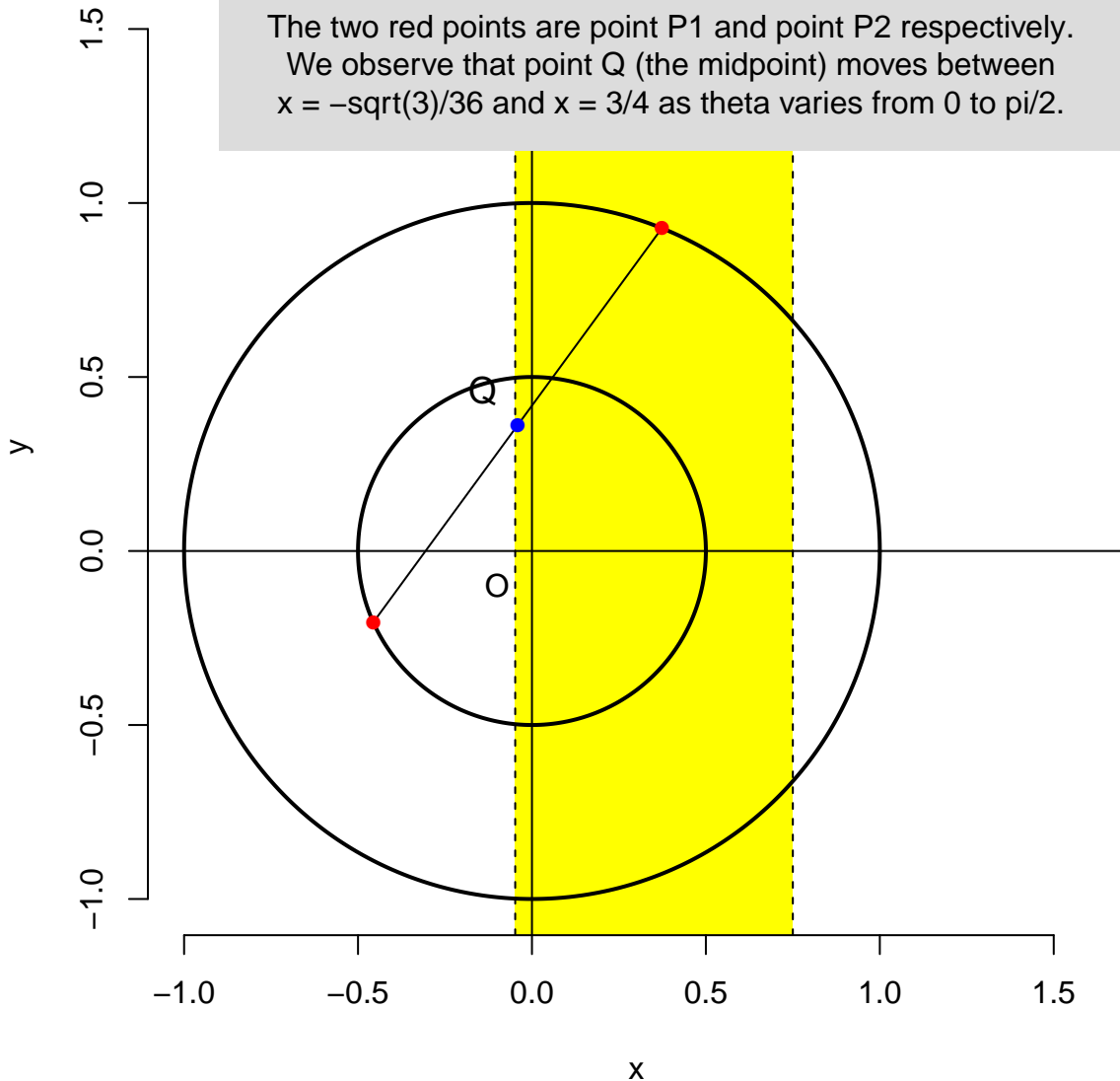**theta = 1.188**

The two red points are point P1 and point P2 respectively.
We observe that point Q (the midpoint) moves between
x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

theta = 1.2012

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

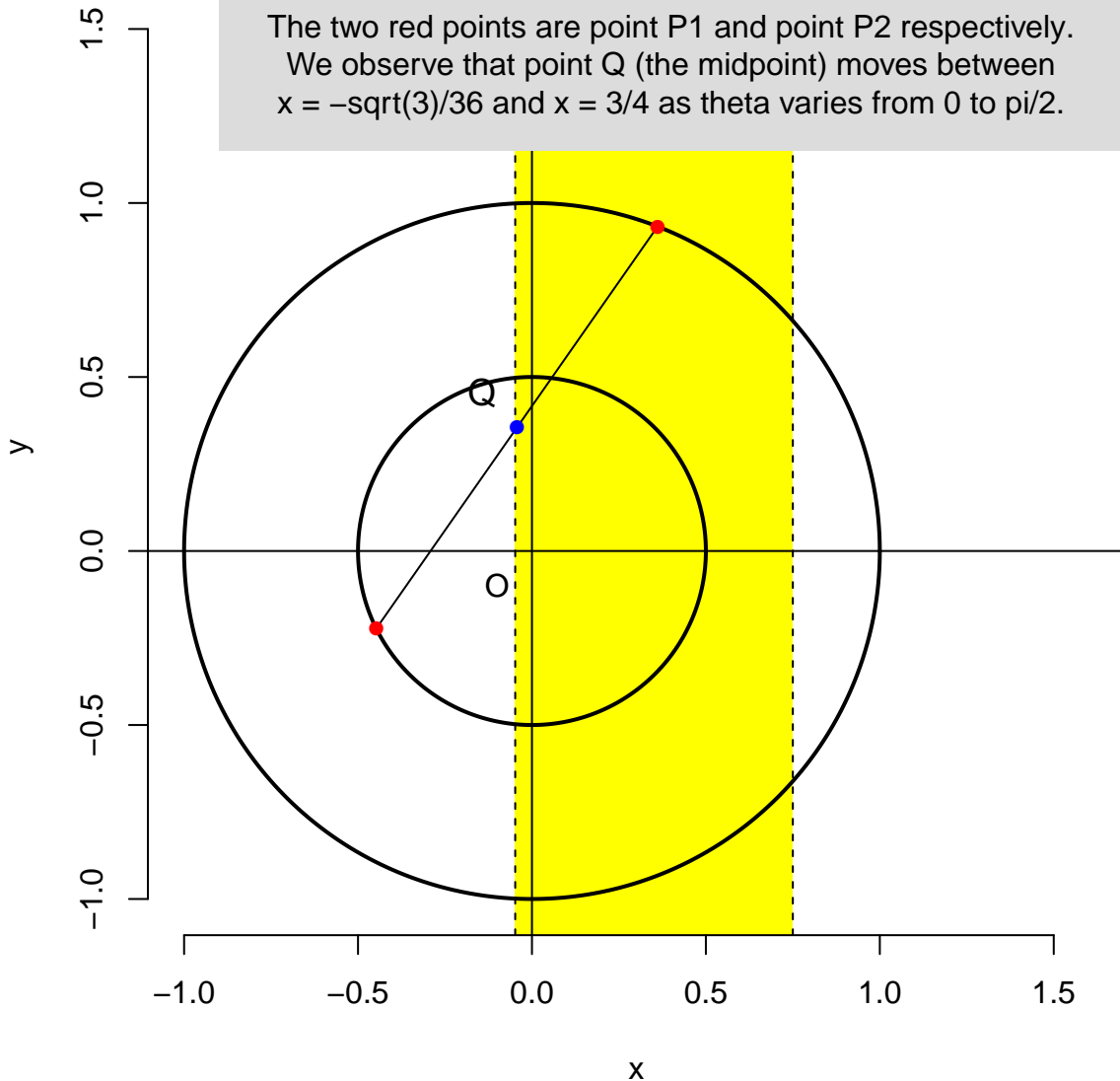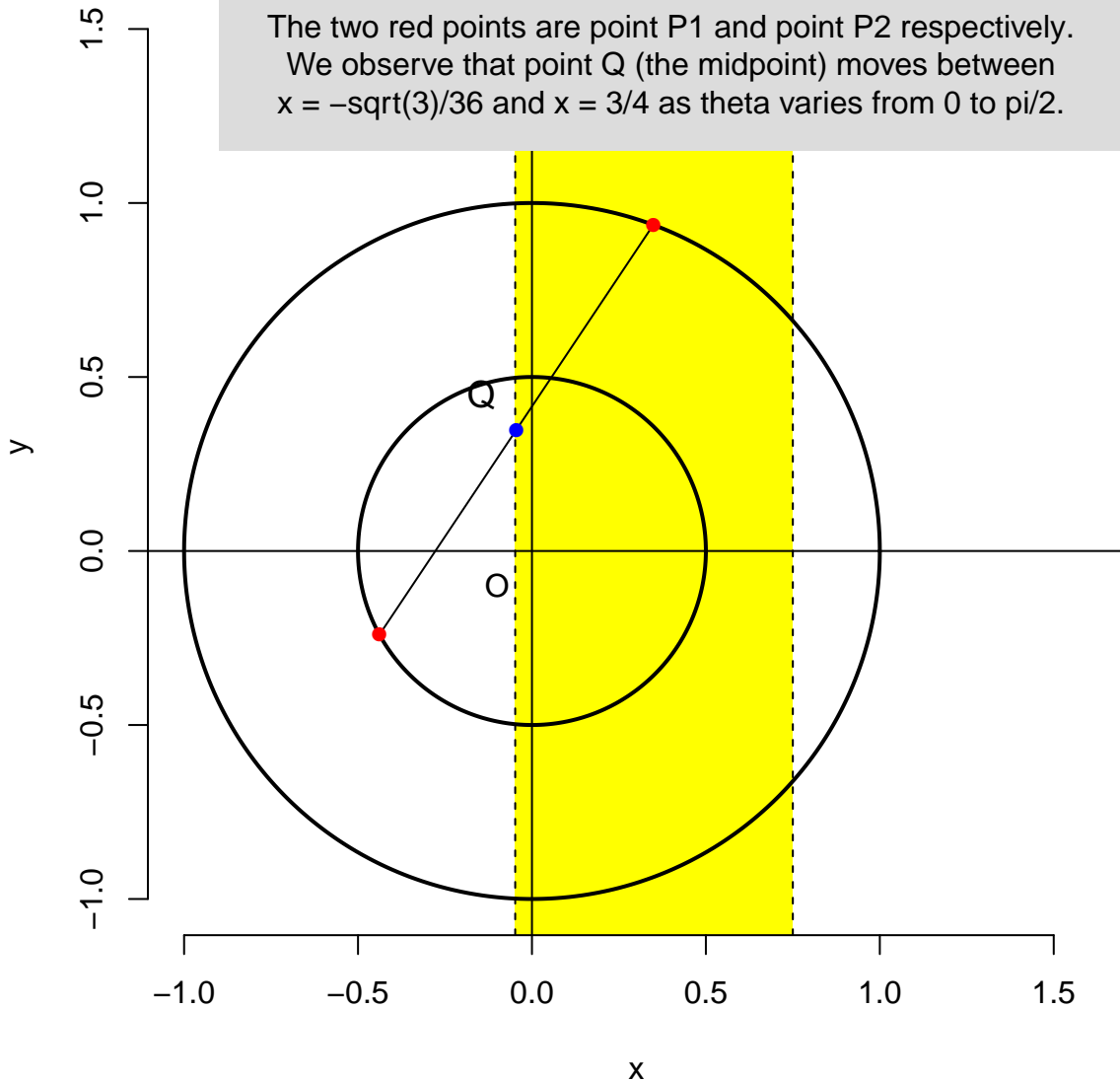# theta = 1.2144

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

theta = 1.2276

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

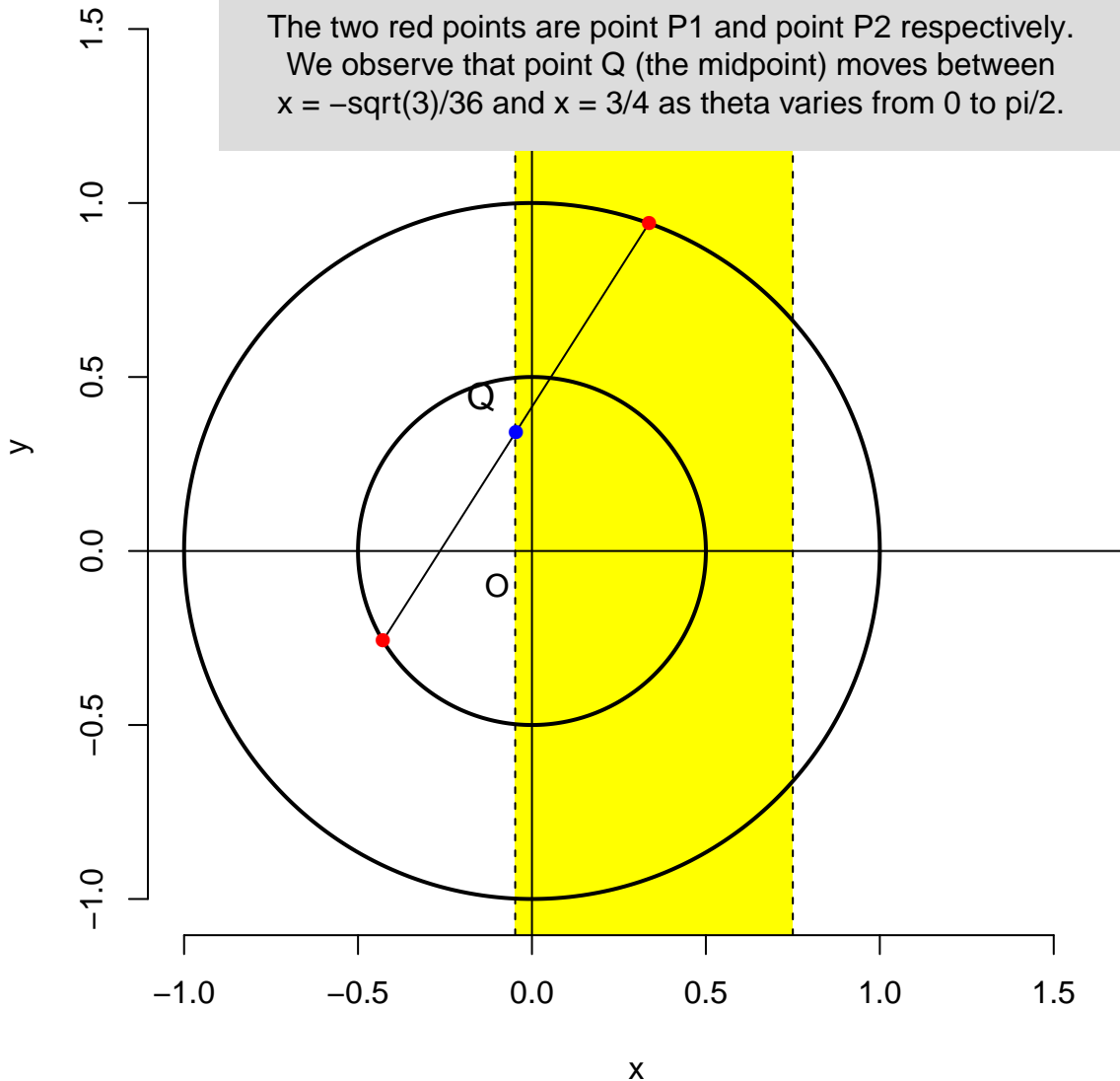**theta = 1.2408**

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

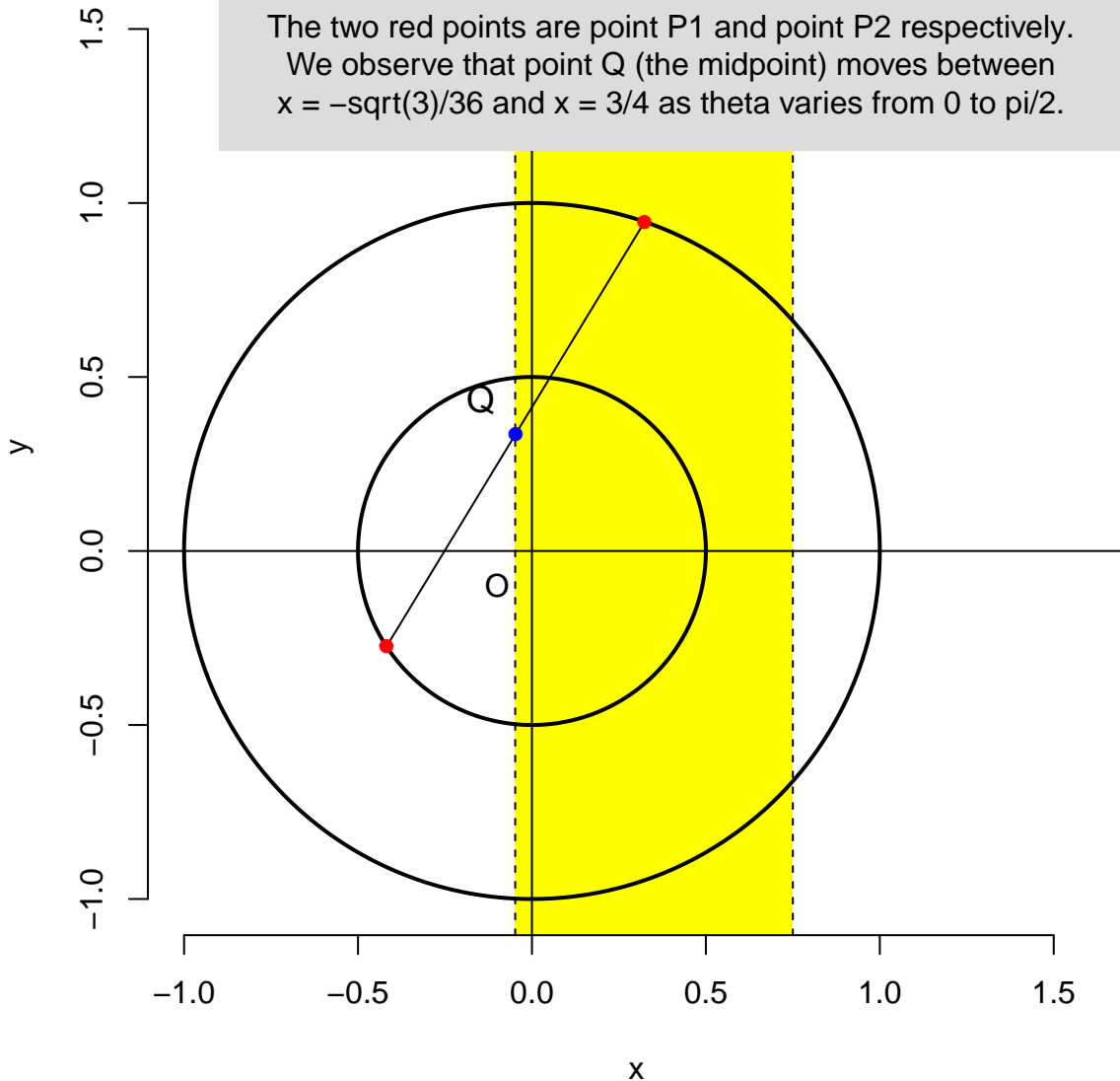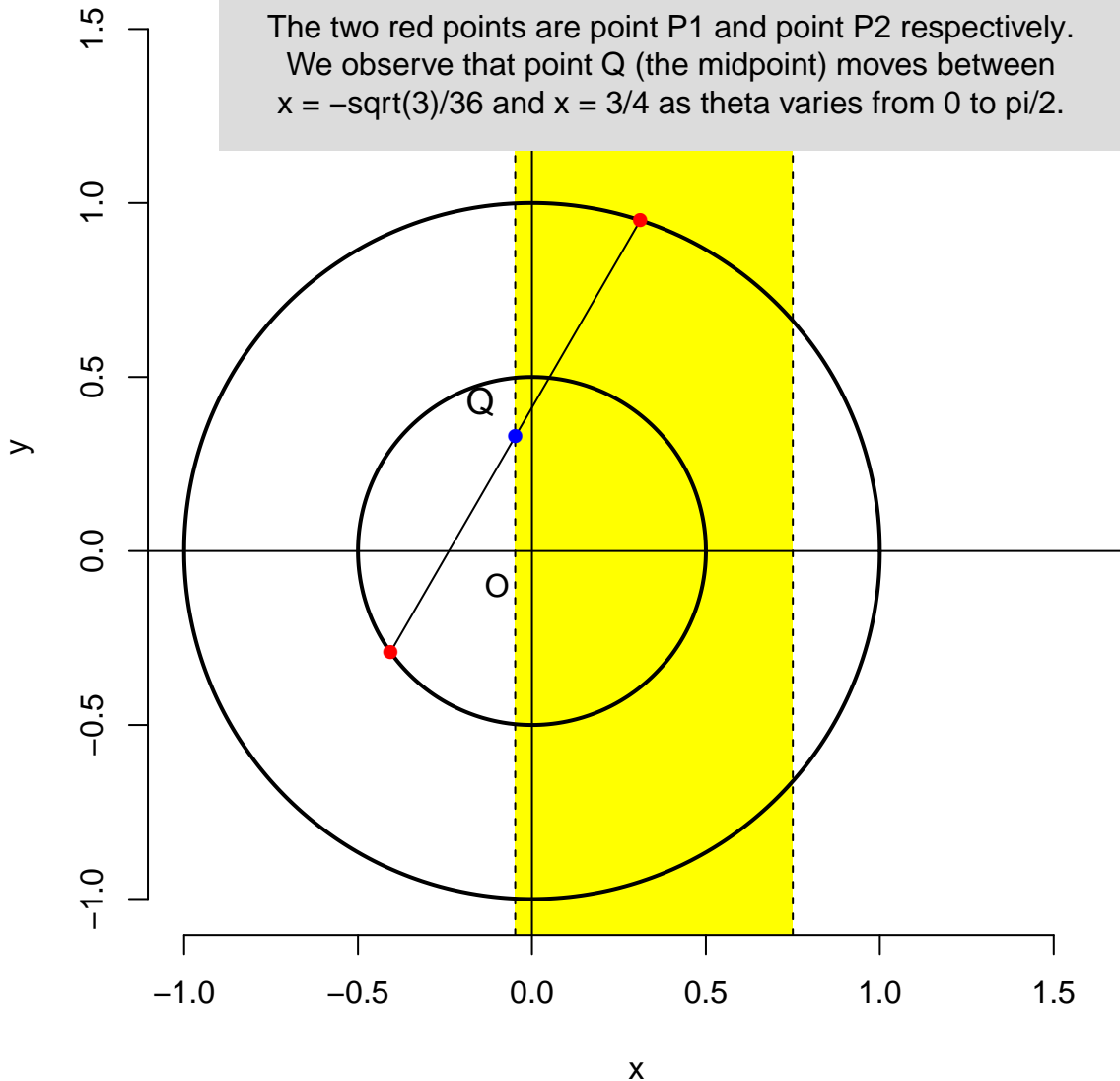**theta = 1.254**

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

theta = 1.2672

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between $x = -\text{sqrt}(3)/36$ and $x = 3/4$ as theta varies from 0 to pi/2.
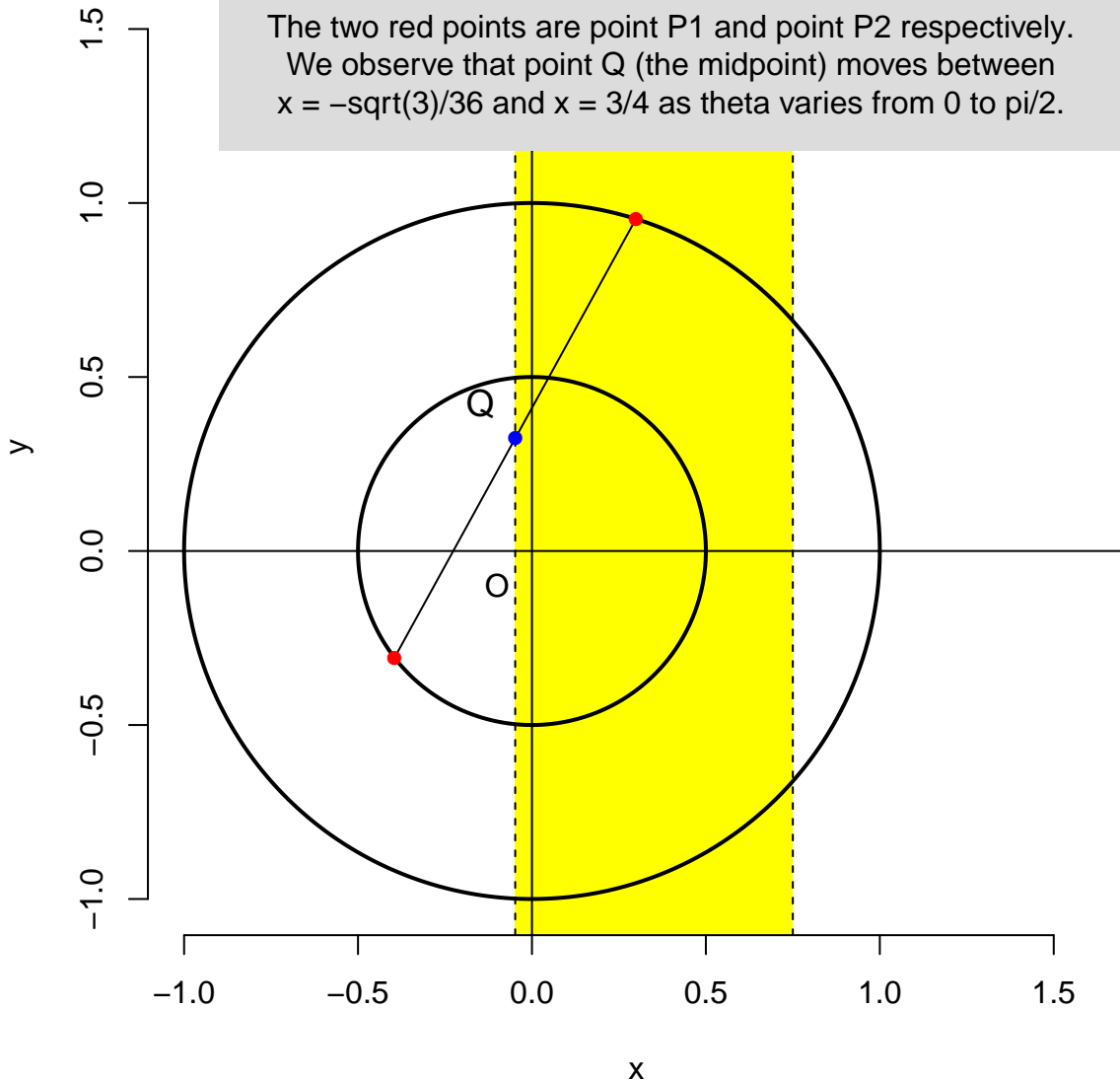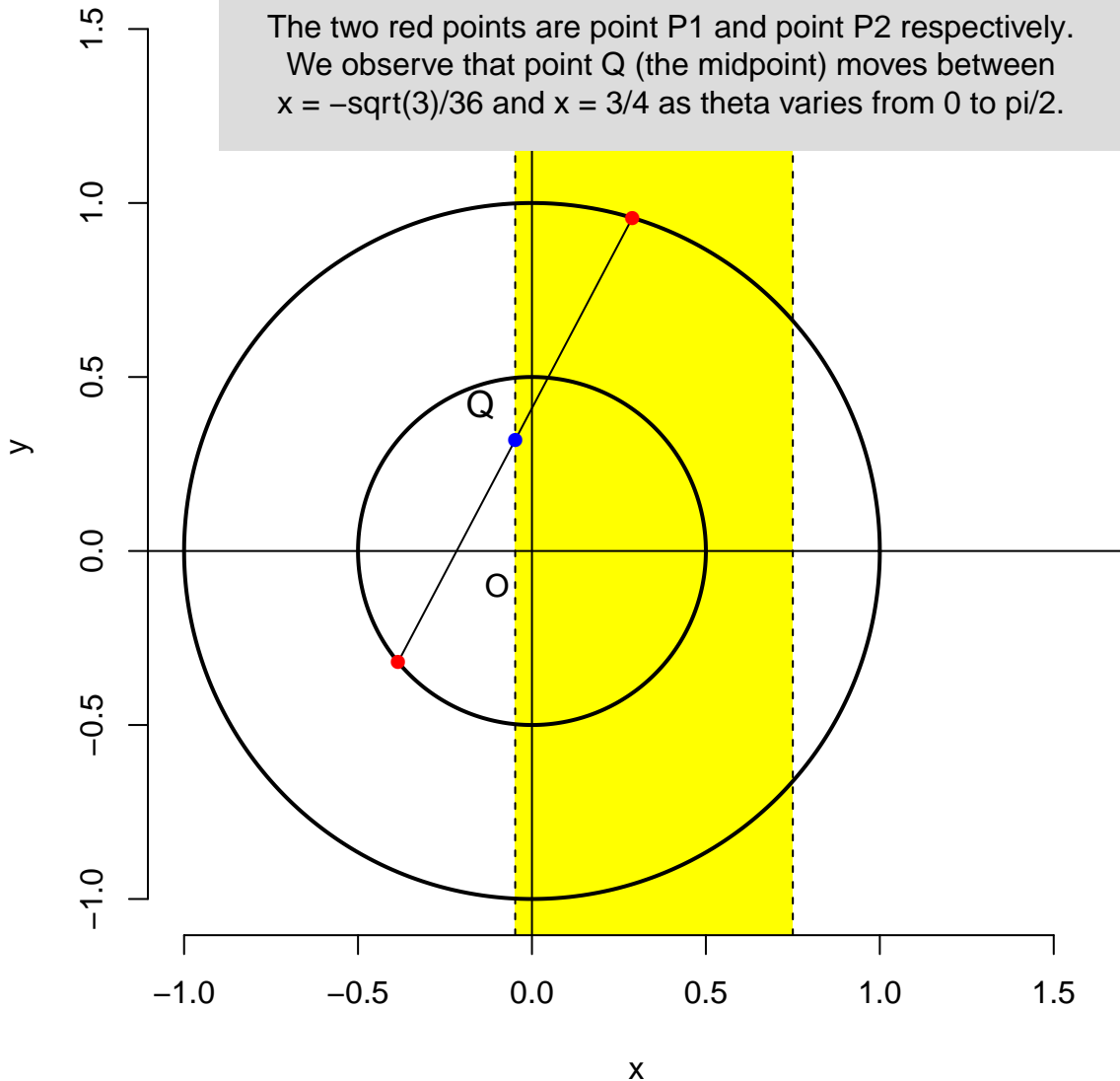
theta = 1.278

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

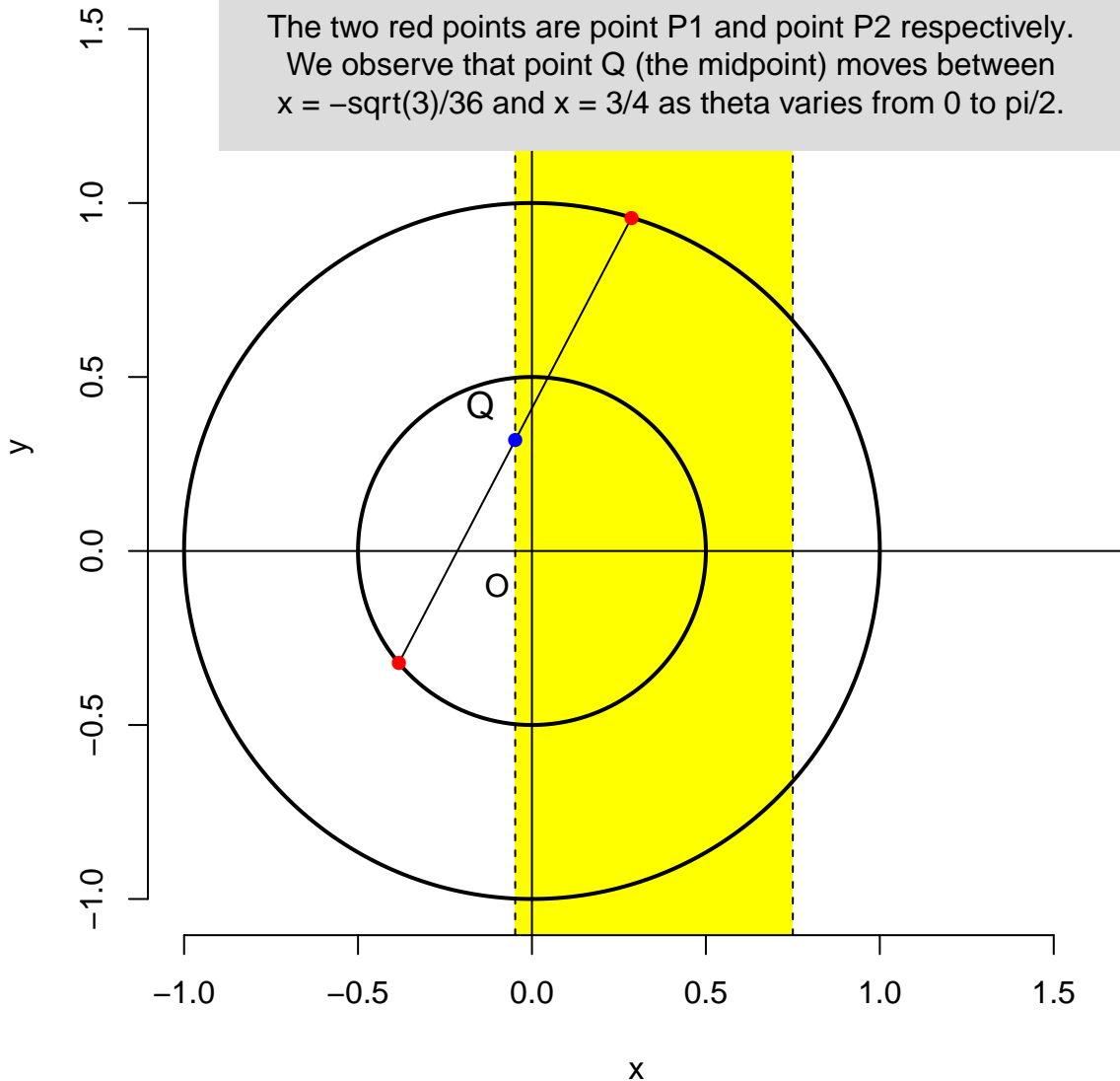# theta = 1.2804

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

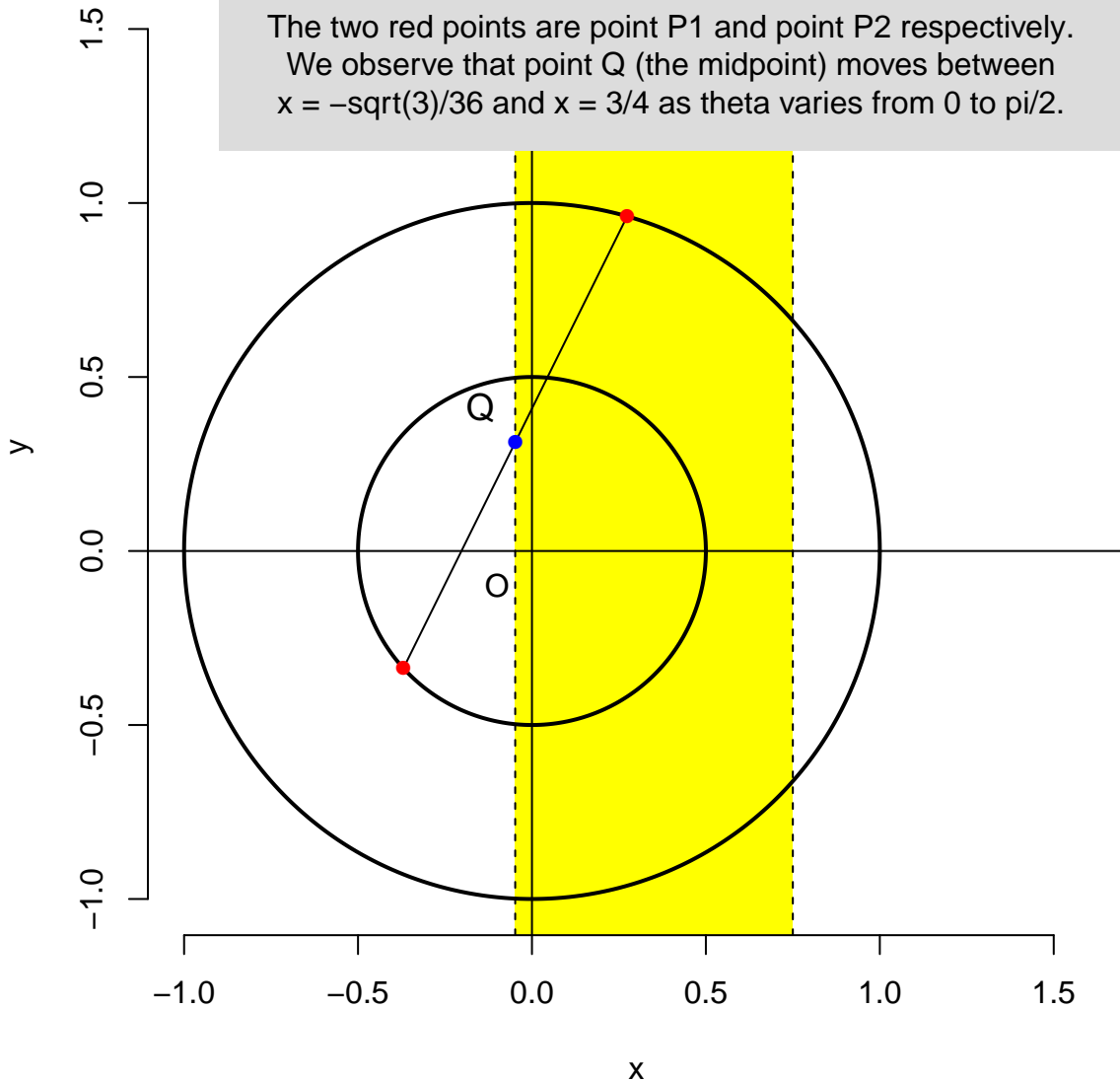**theta = 1.2936**

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

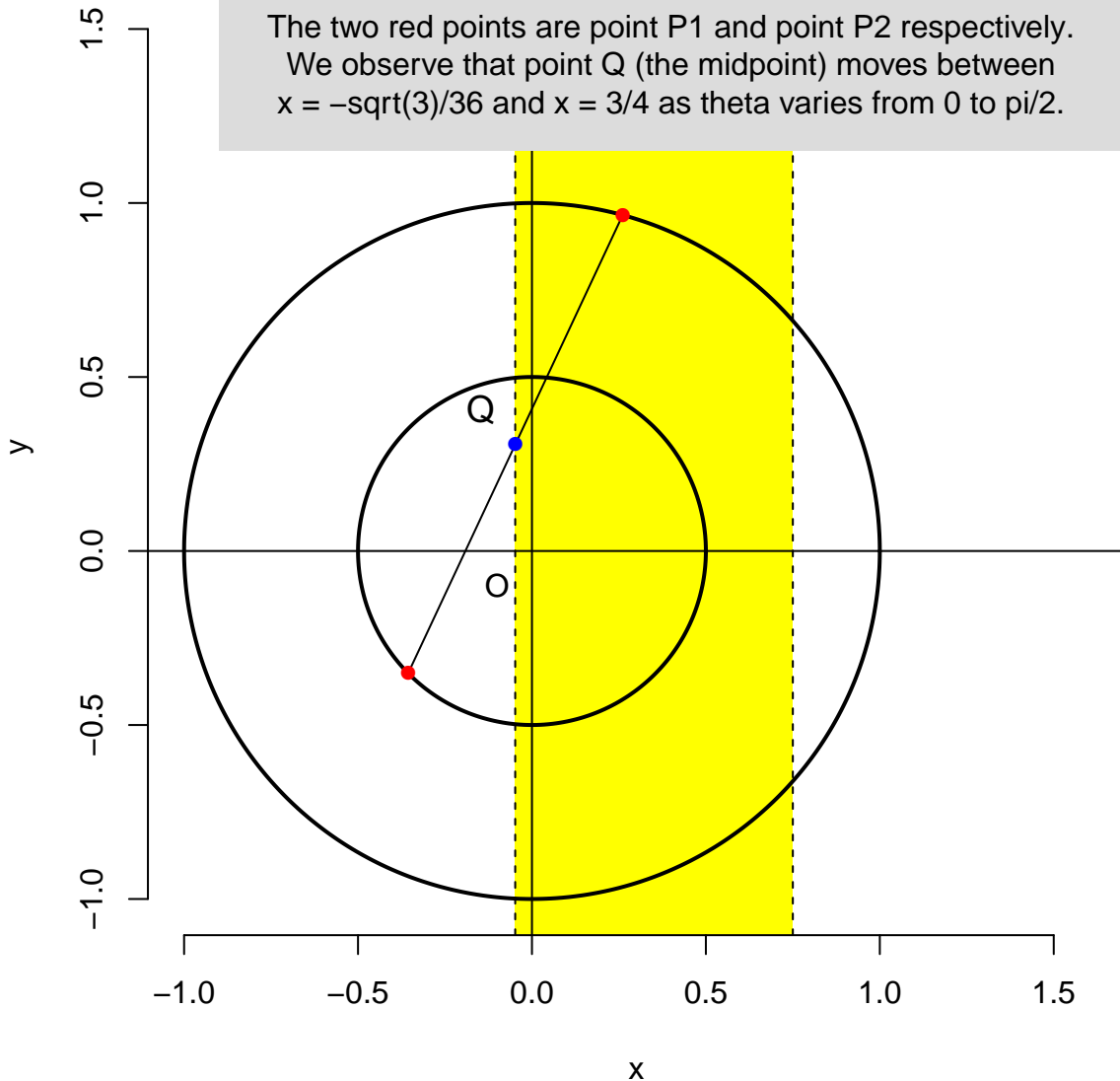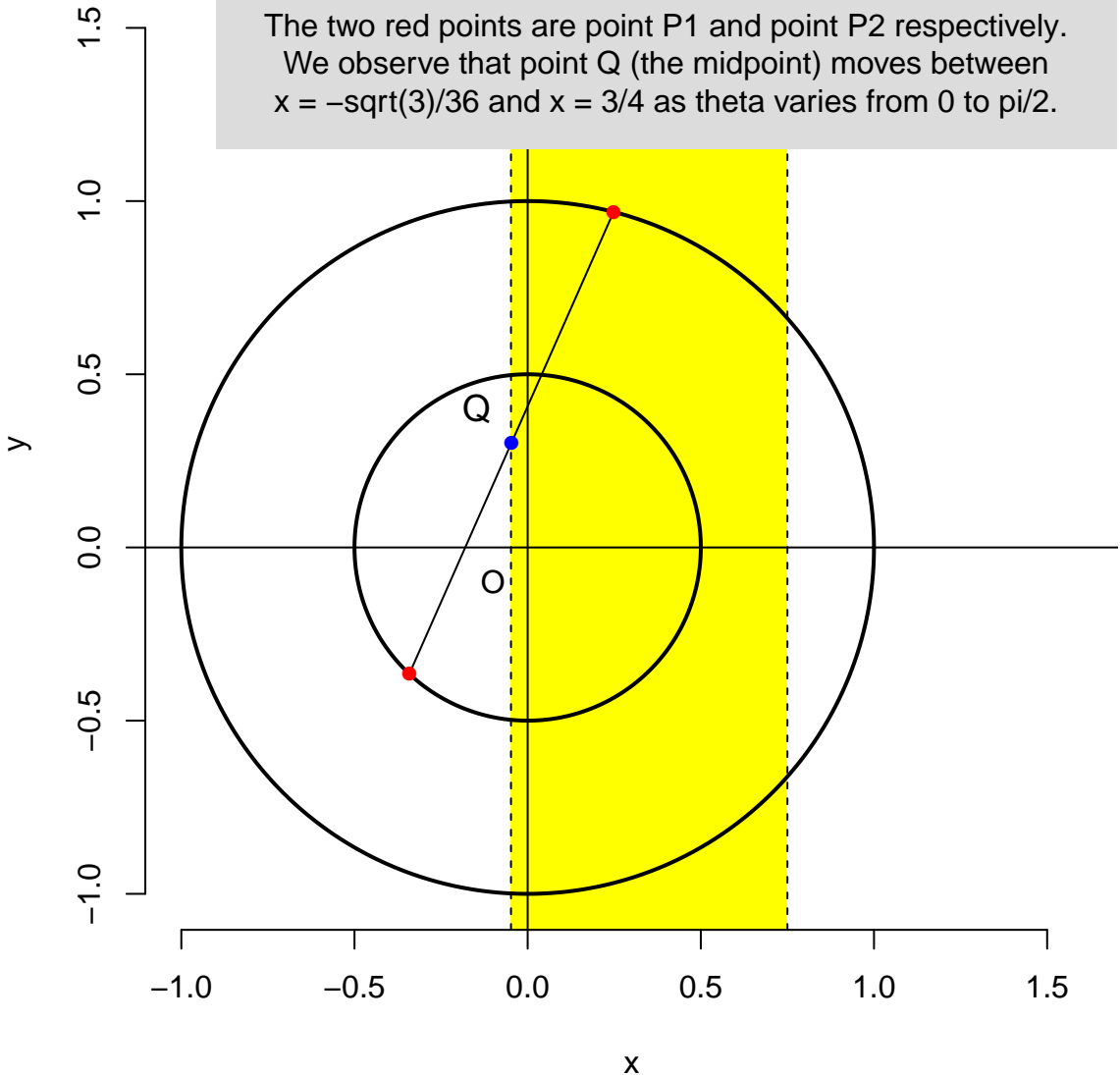**theta = 1.3068**

The two red points are point P1 and point P2 respectively.
We observe that point Q (the midpoint) moves between
x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

theta = 1.32

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

theta = 1.3332

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between $x = -\sqrt{3}/36$ and $x = 3/4$ as theta varies from 0 to pi/2.
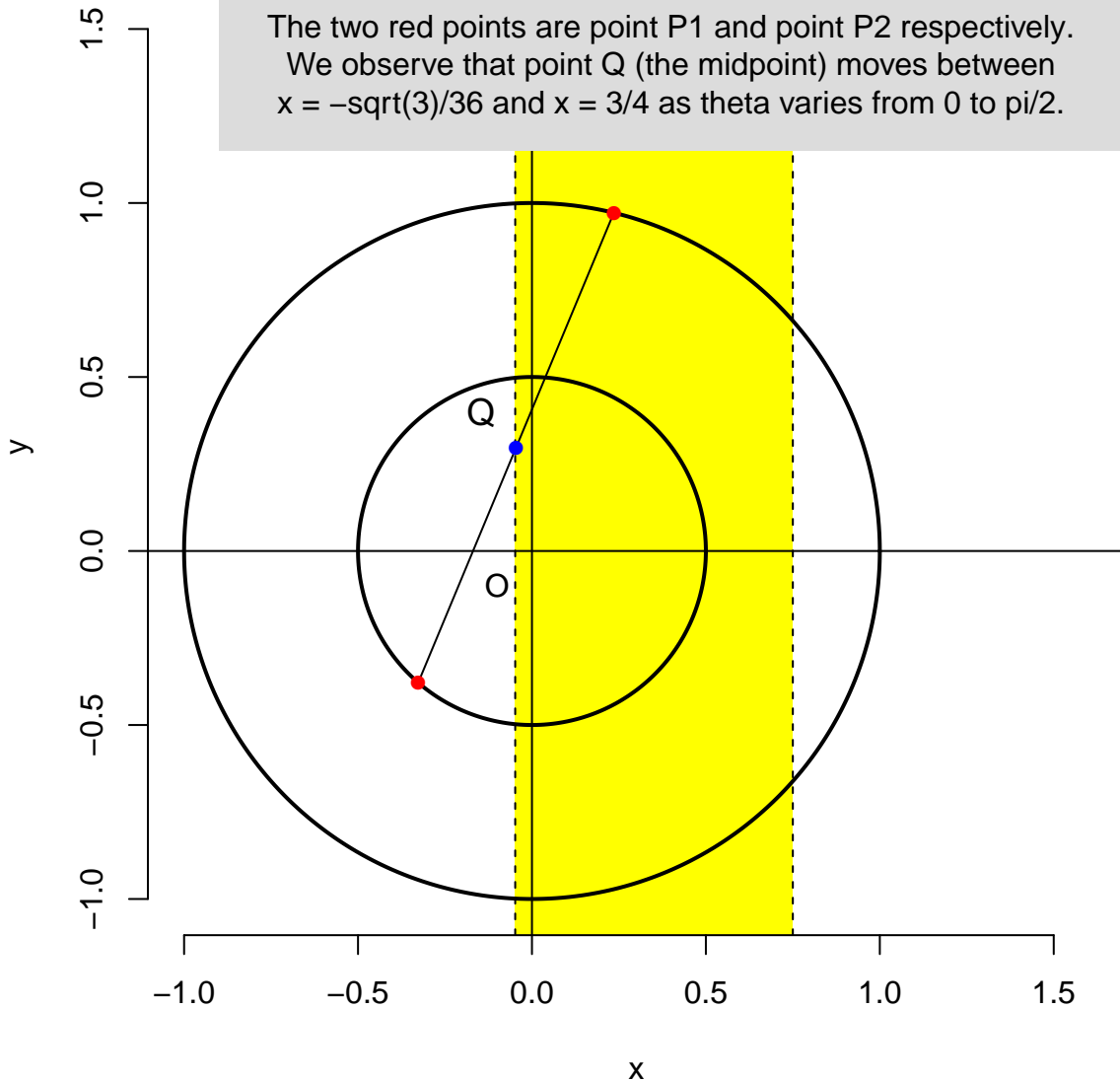
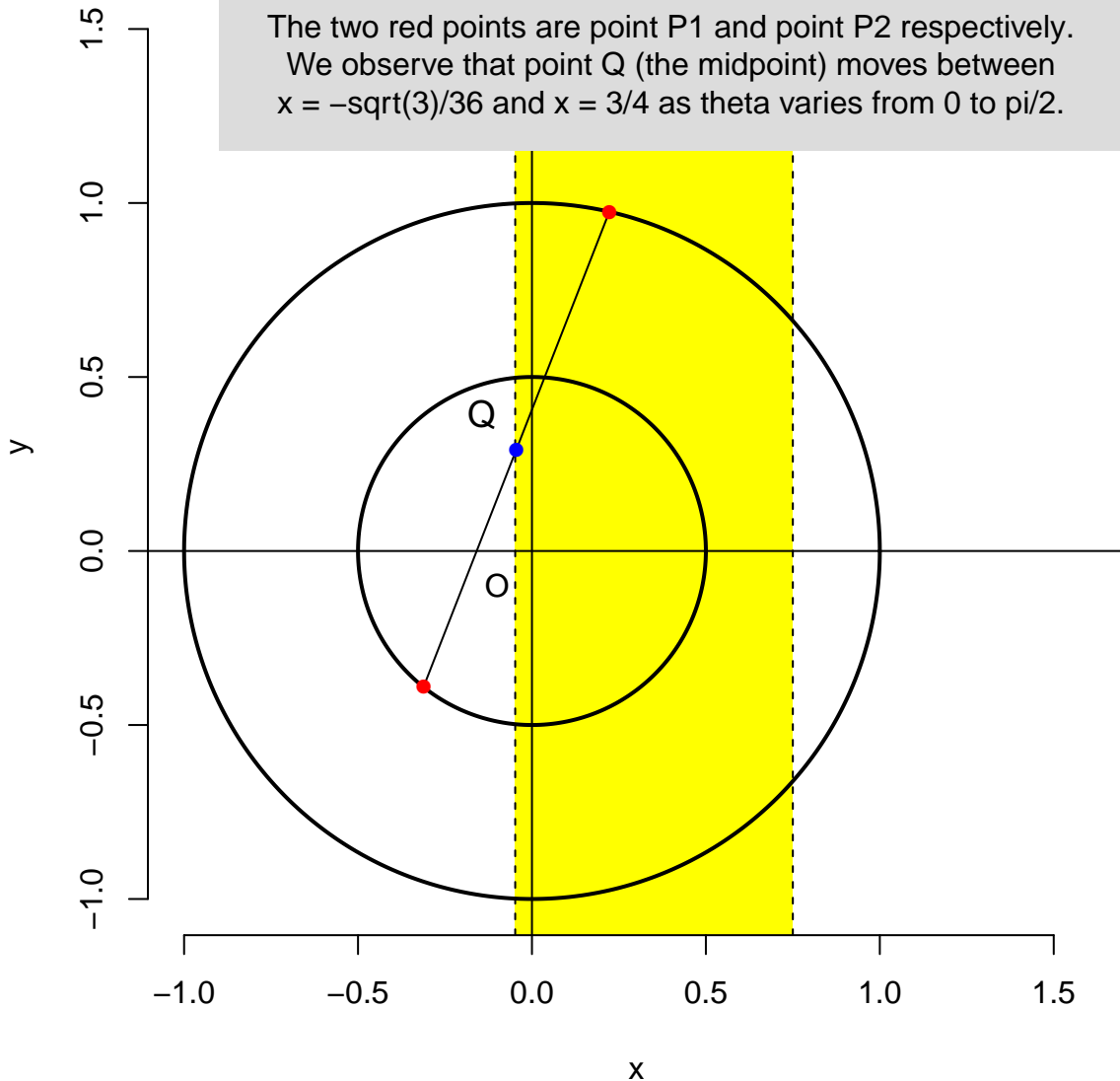**theta = 1.3464**

The two red points are point P1 and point P2 respectively.
We observe that point Q (the midpoint) moves between
x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

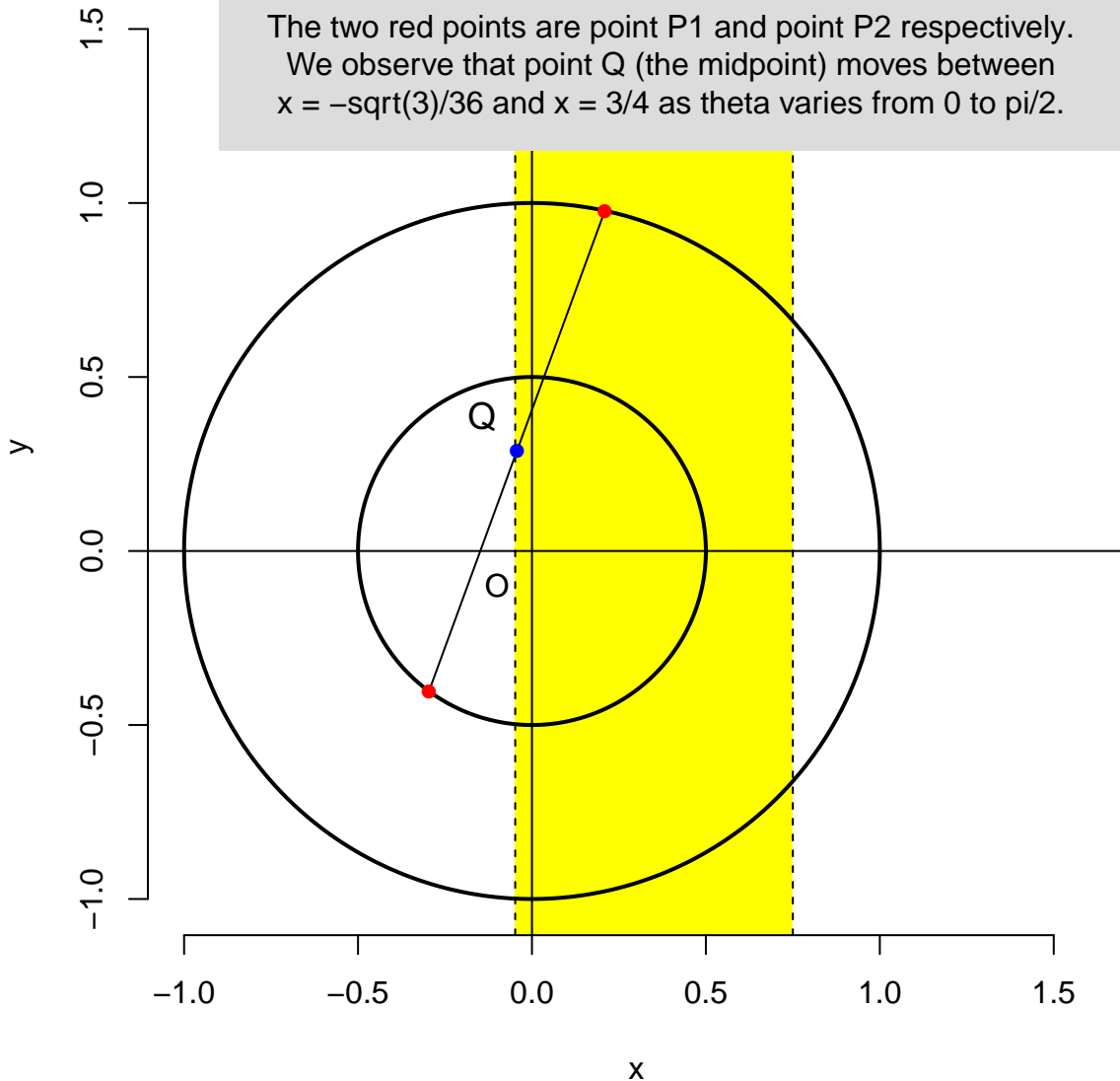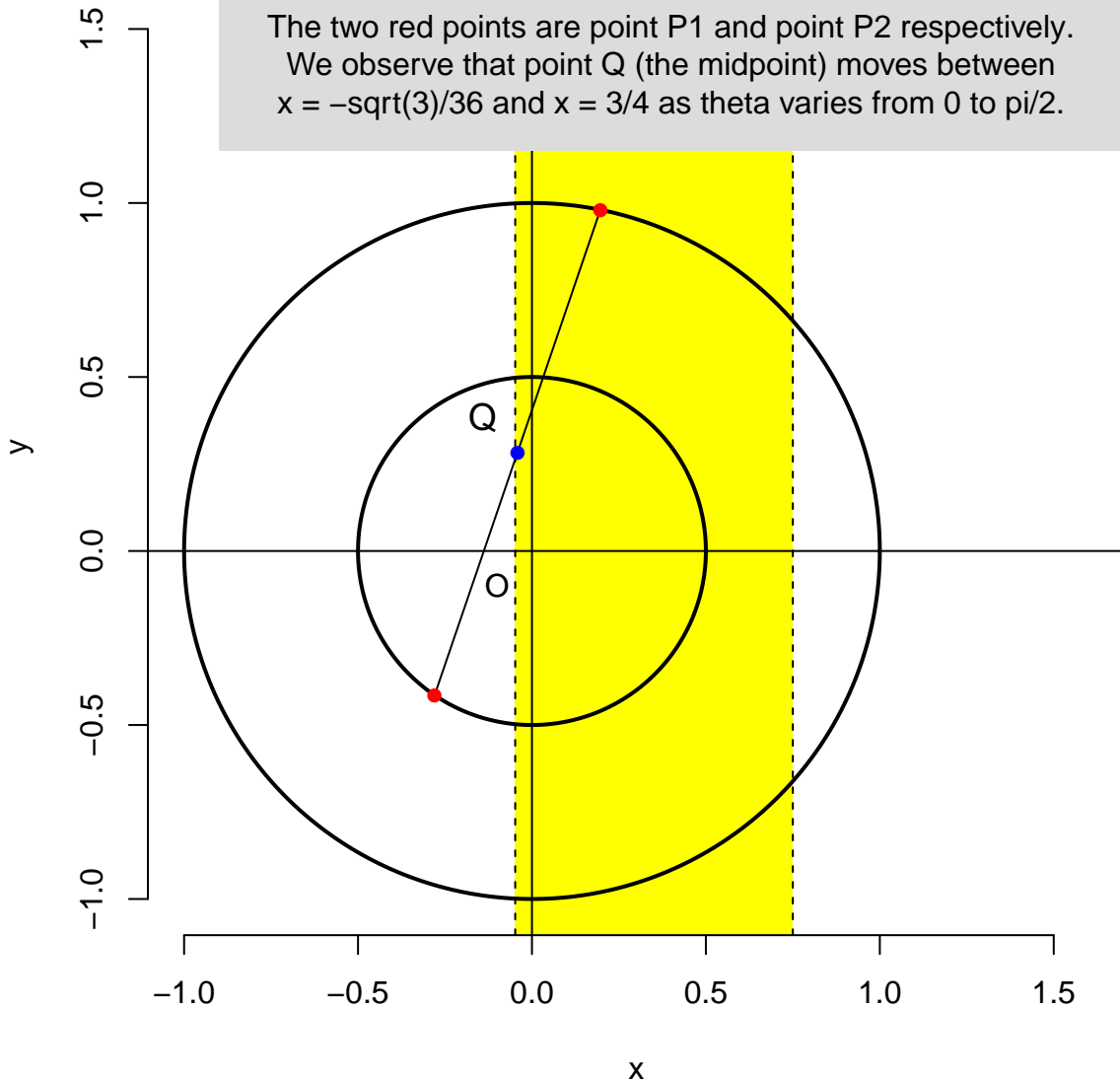# theta = 1.3596

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

theta = 1.3728

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

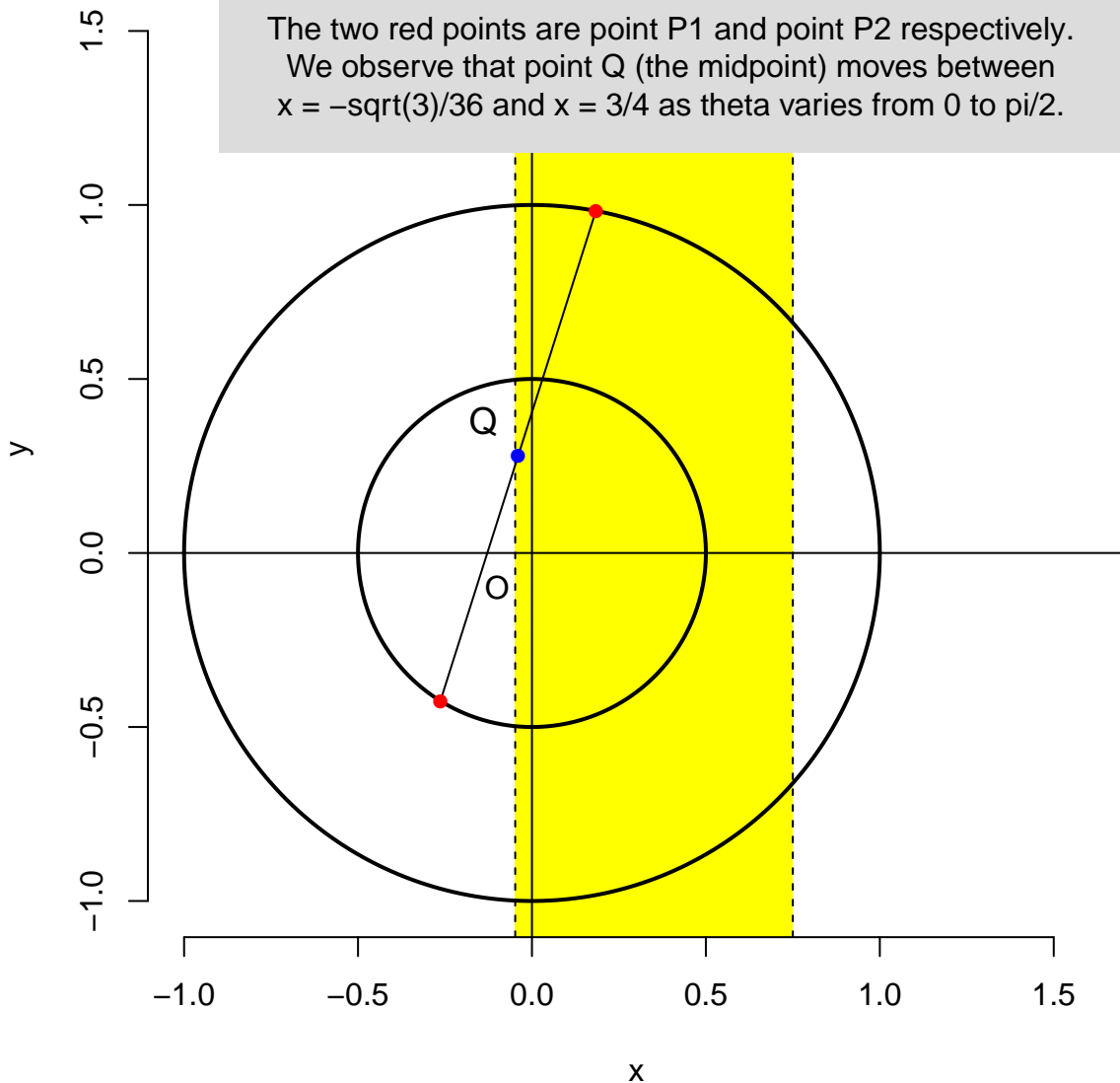**theta = 1.386**

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

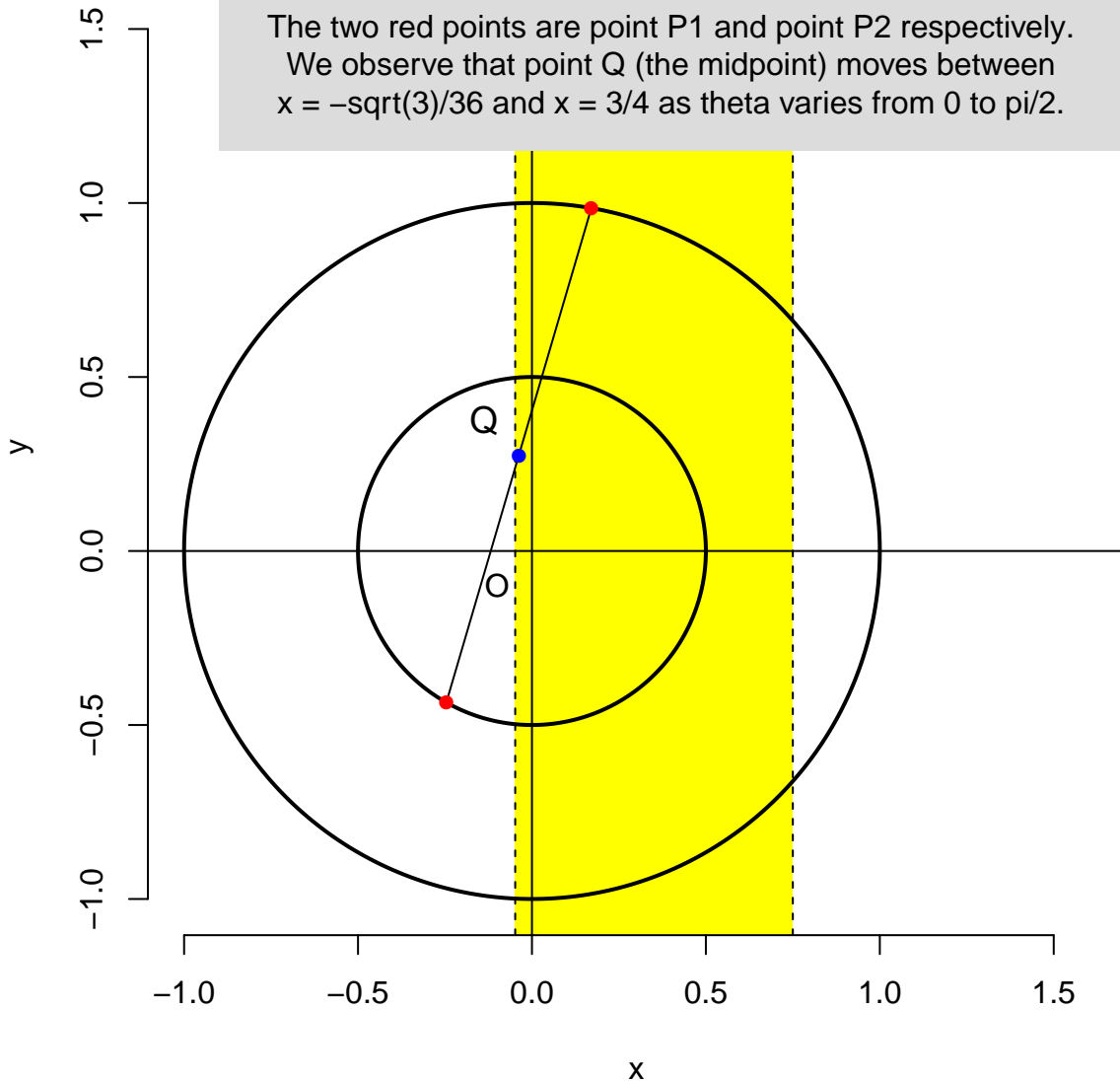**theta = 1.3992**

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

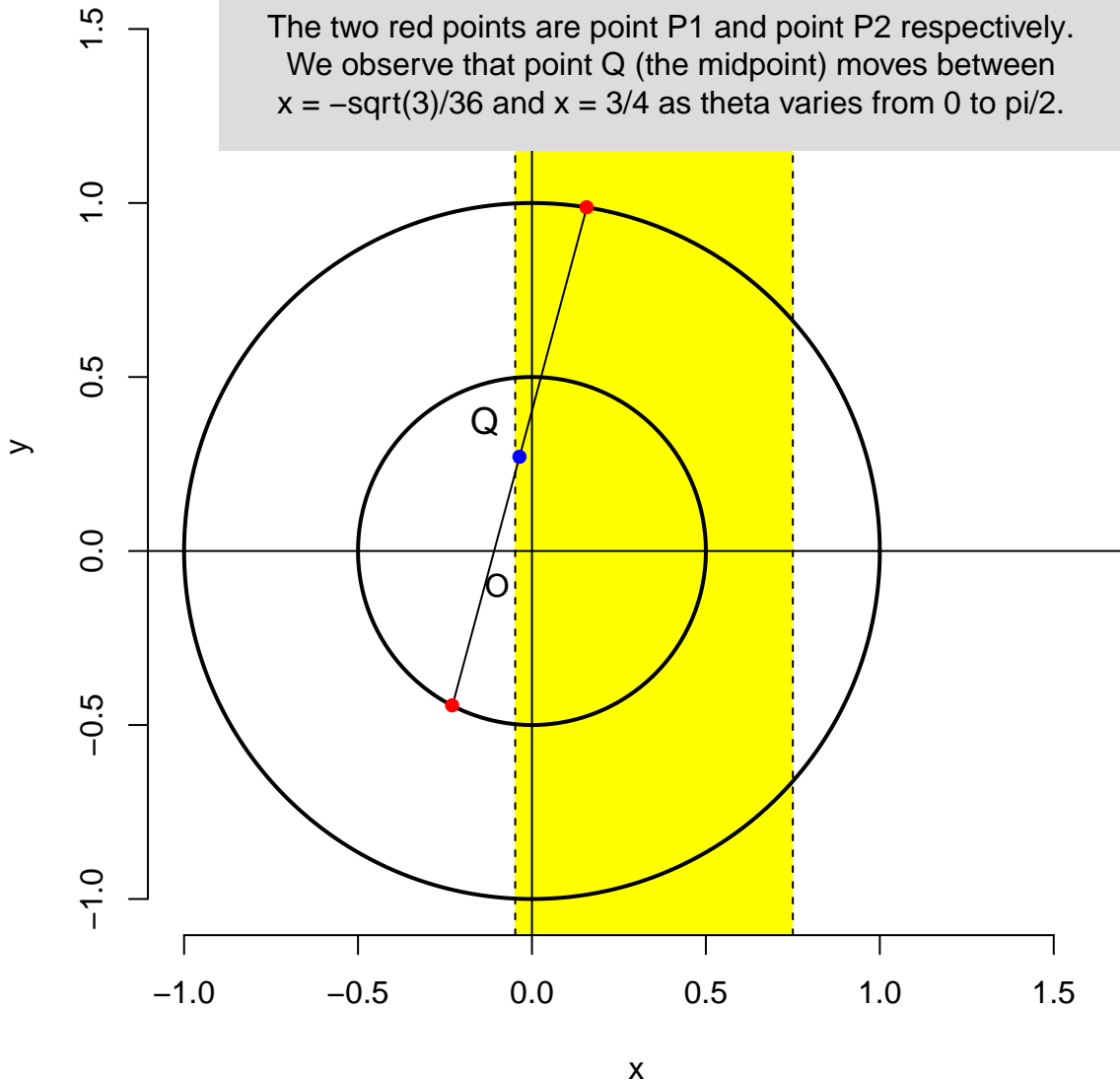**theta = 1.4124**

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

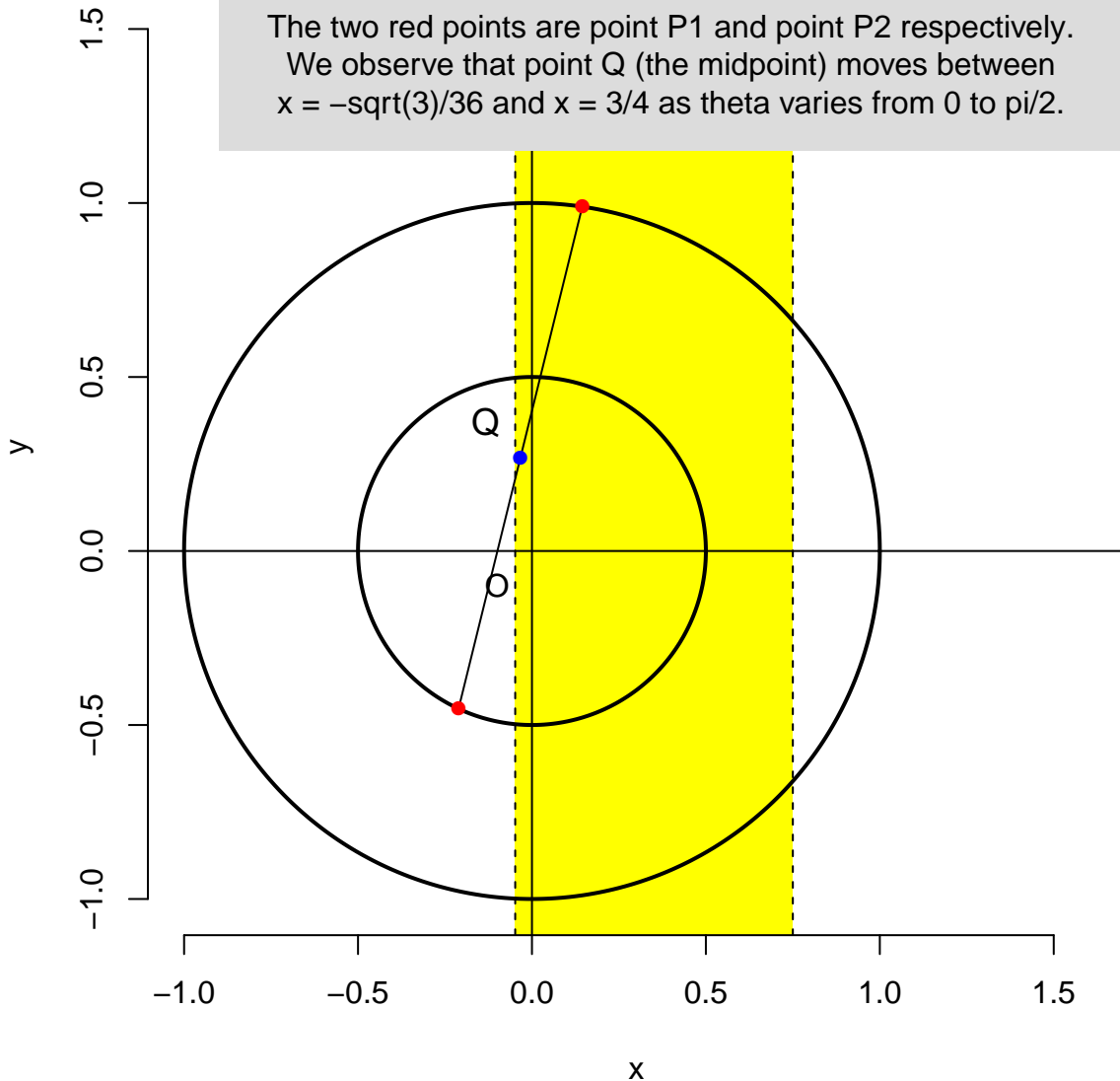**theta = 1.4256**

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

theta = 1.4388

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.
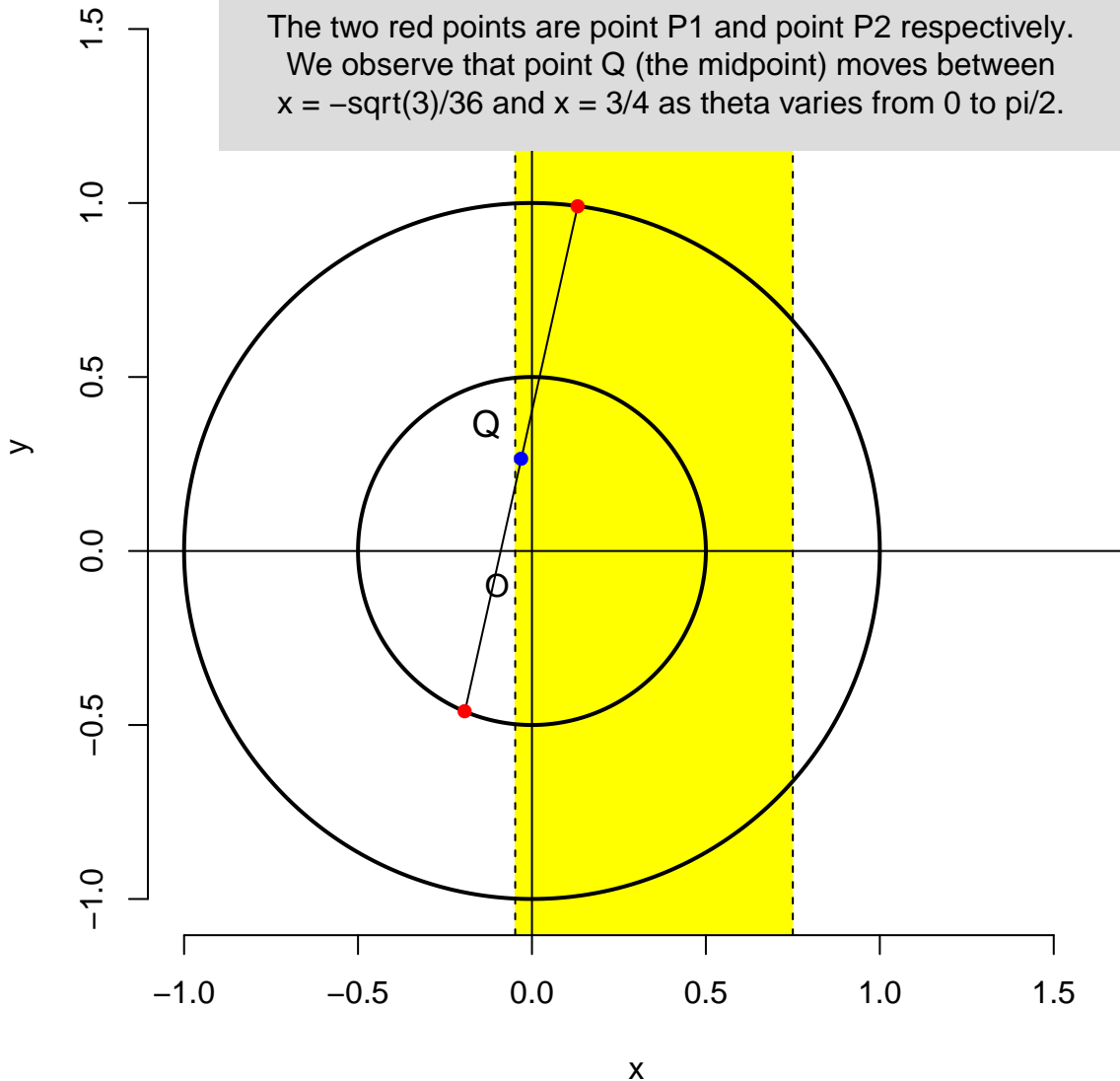
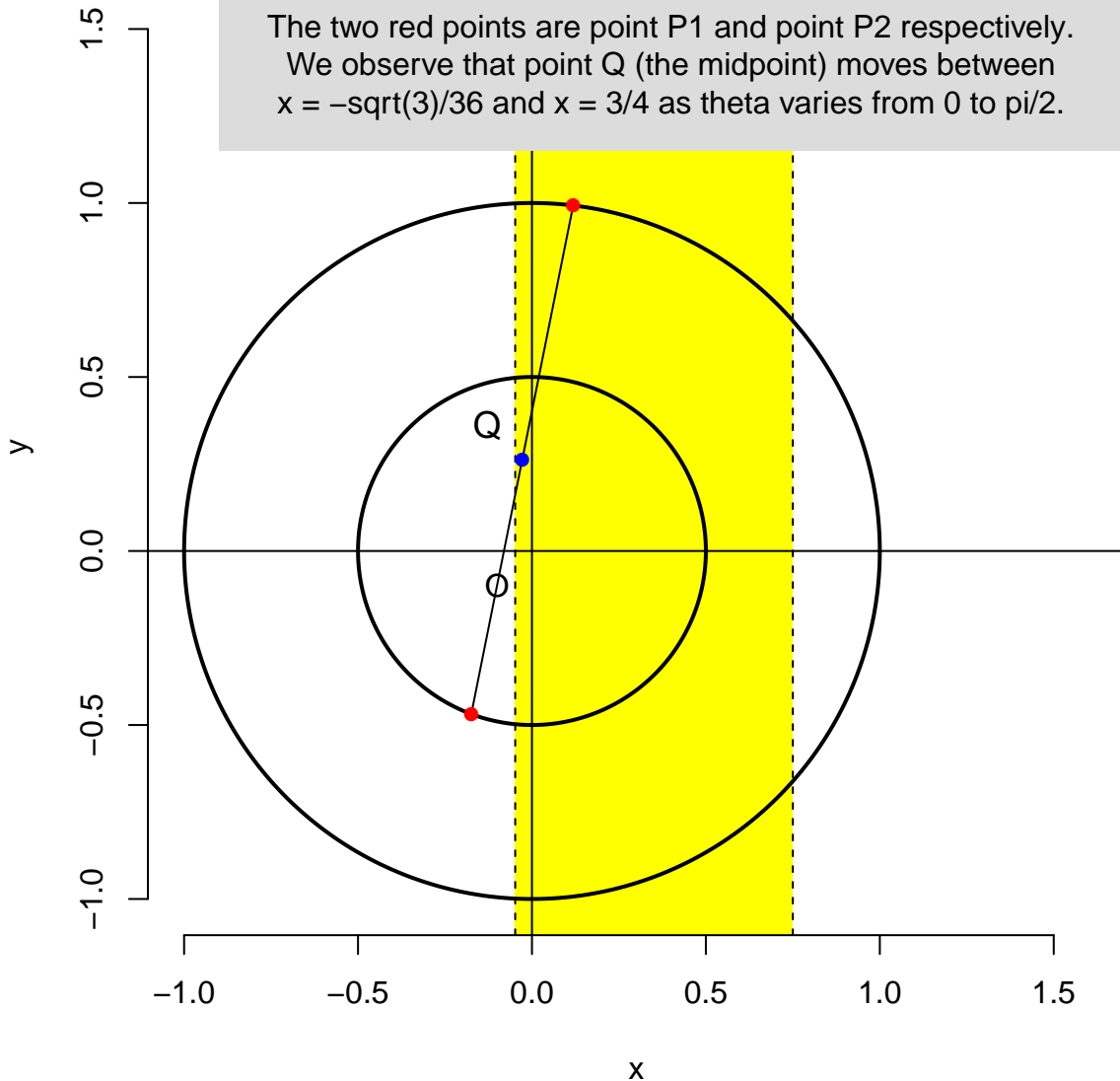# theta = 1.452

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

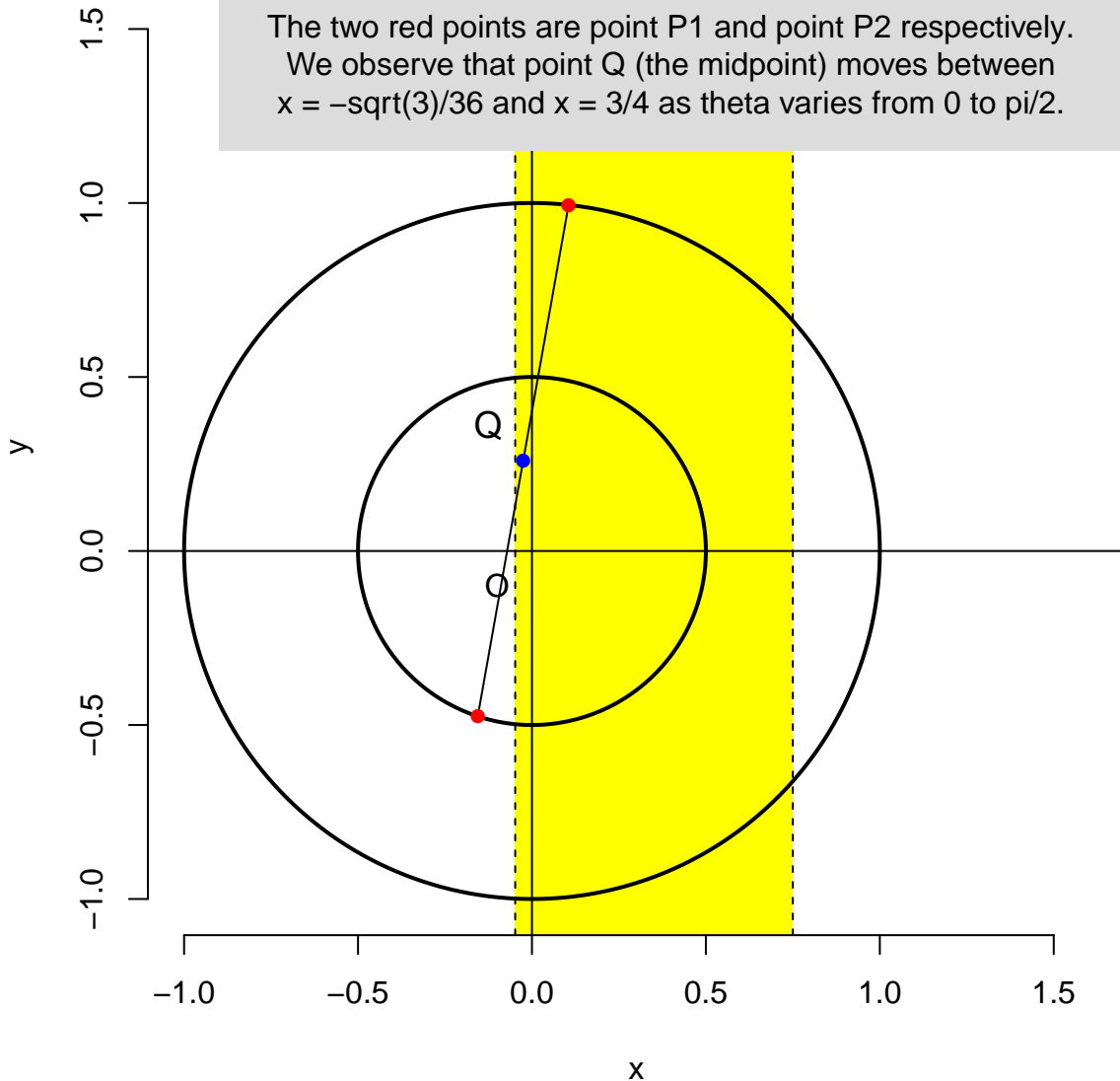**theta = 1.4652**

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

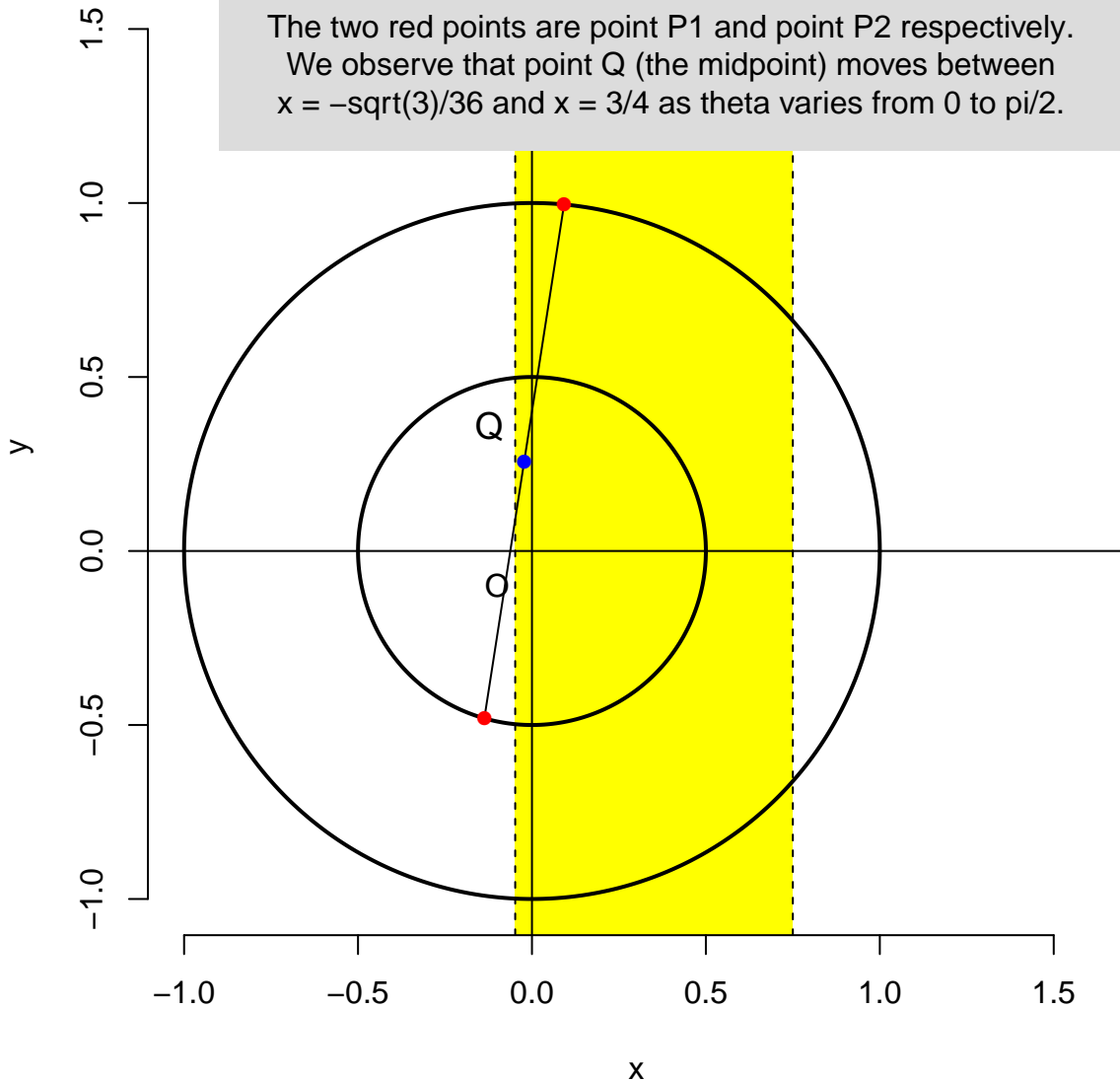**theta = 1.4784**

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between $x = -\text{sqrt}(3)/36$ and $x = 3/4$ as theta varies from 0 to pi/2.

theta = 1.4916

The two red points are point P1 and point P2 respectively.
We observe that point Q (the midpoint) moves between
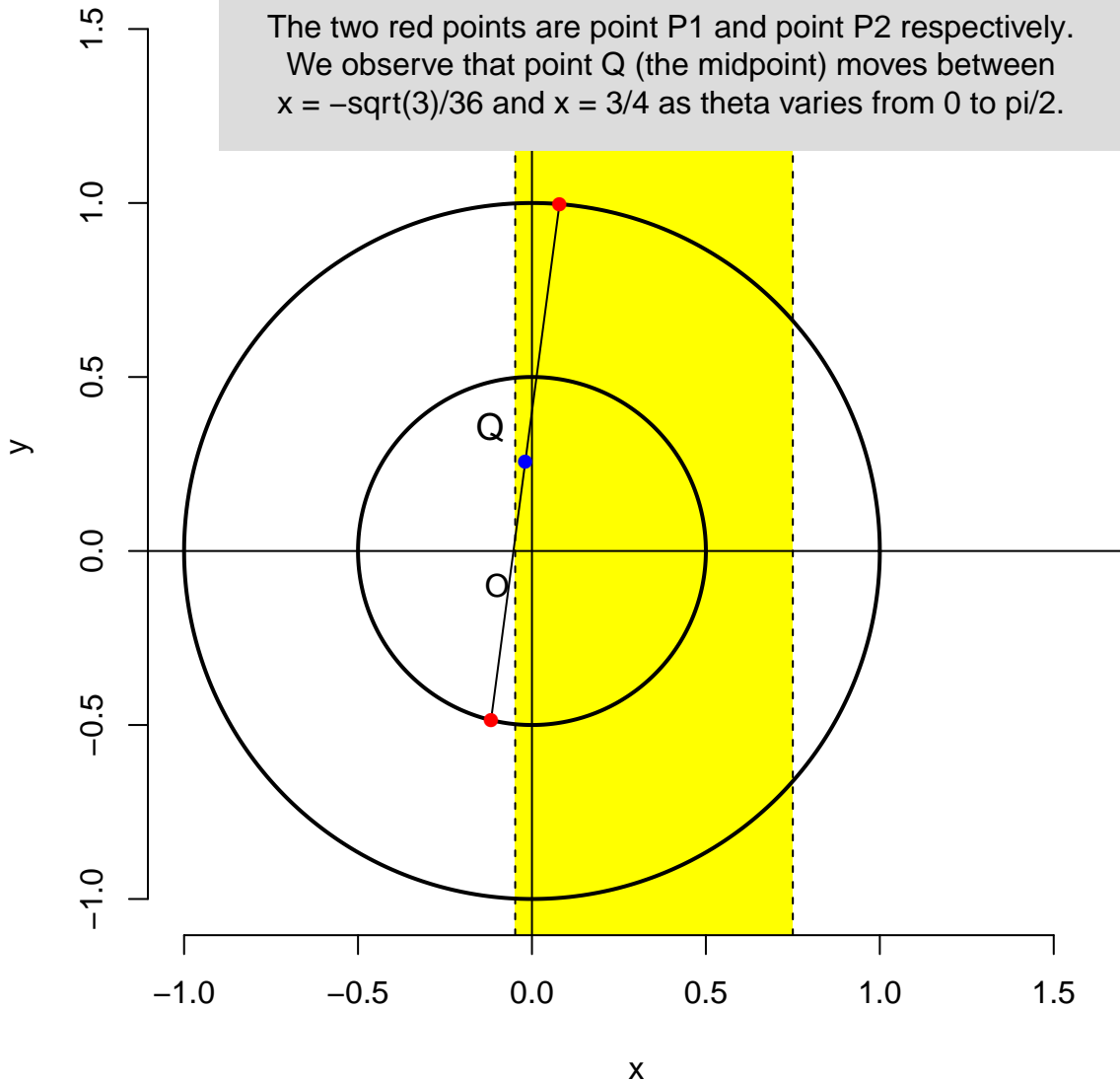x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

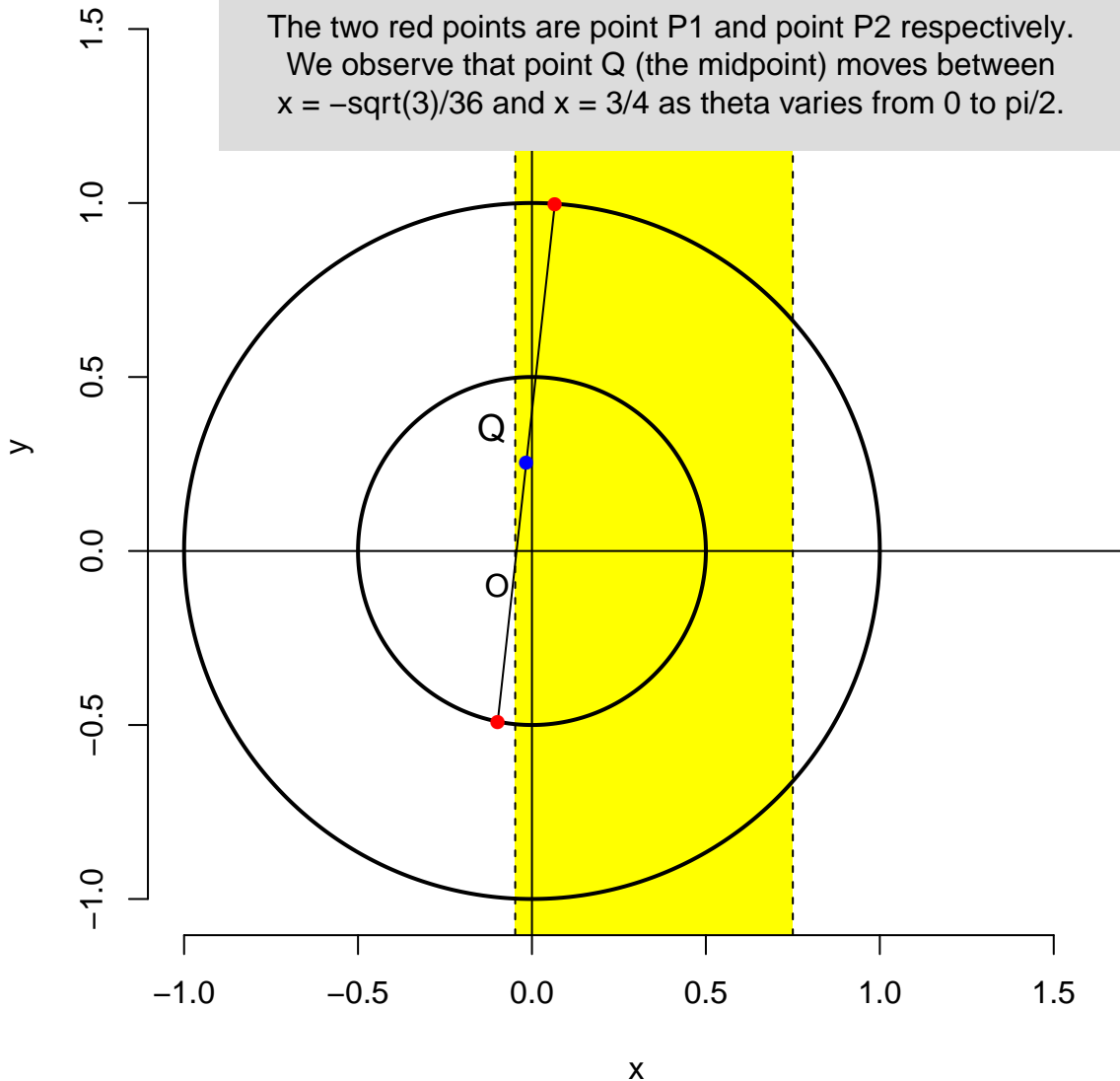**theta = 1.5048**

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

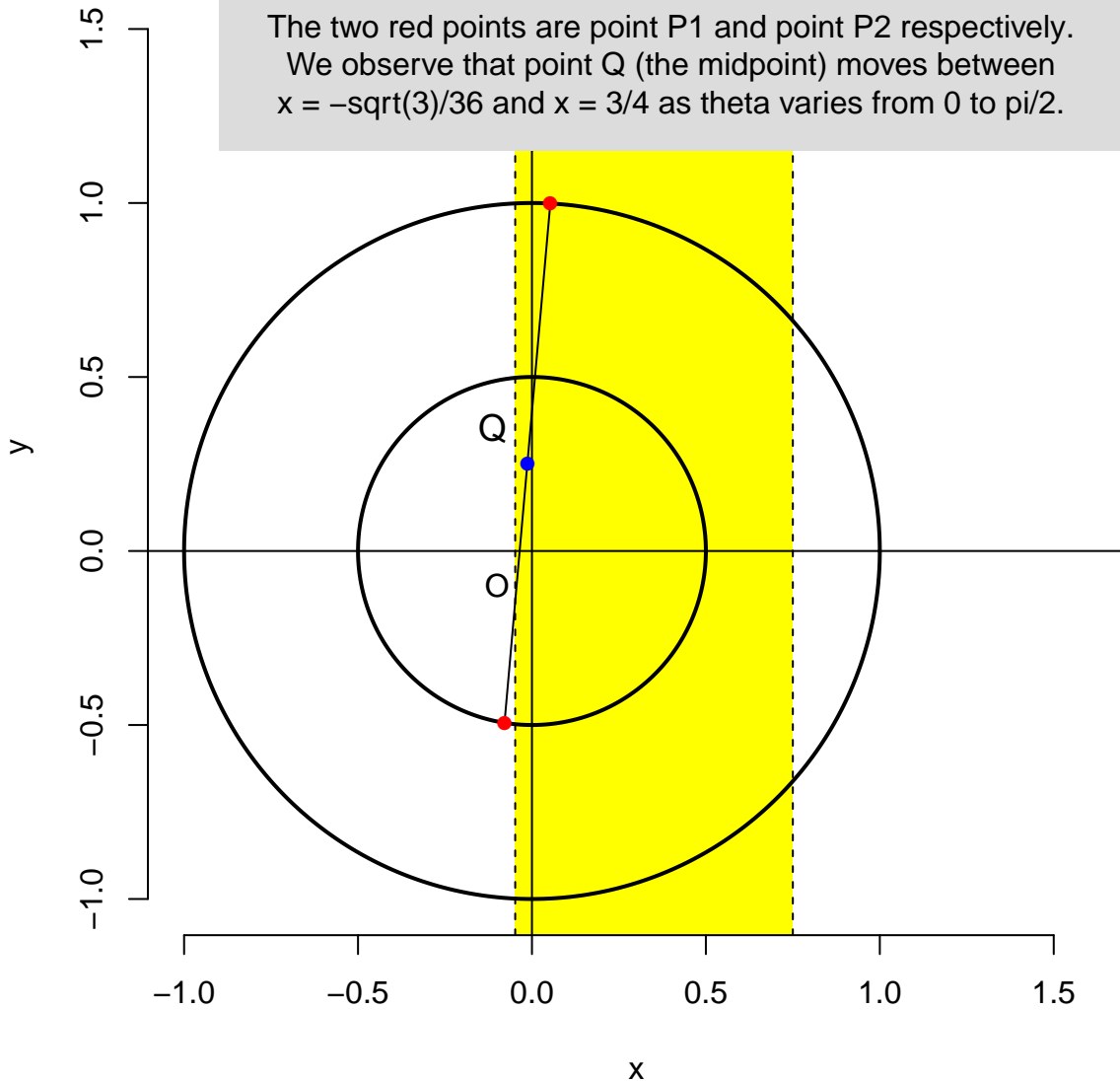# theta = 1.518

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

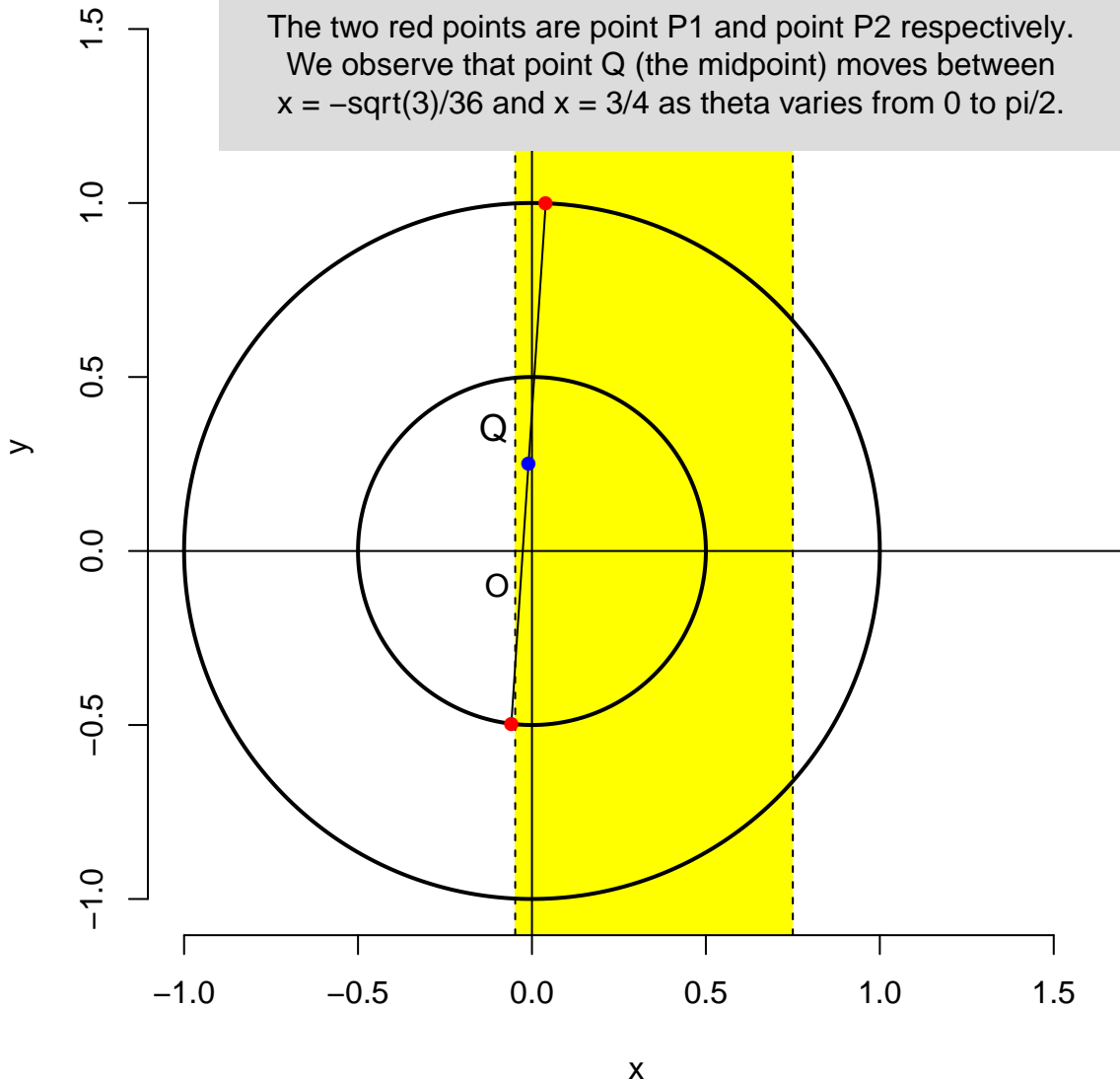# theta = 1.5312

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

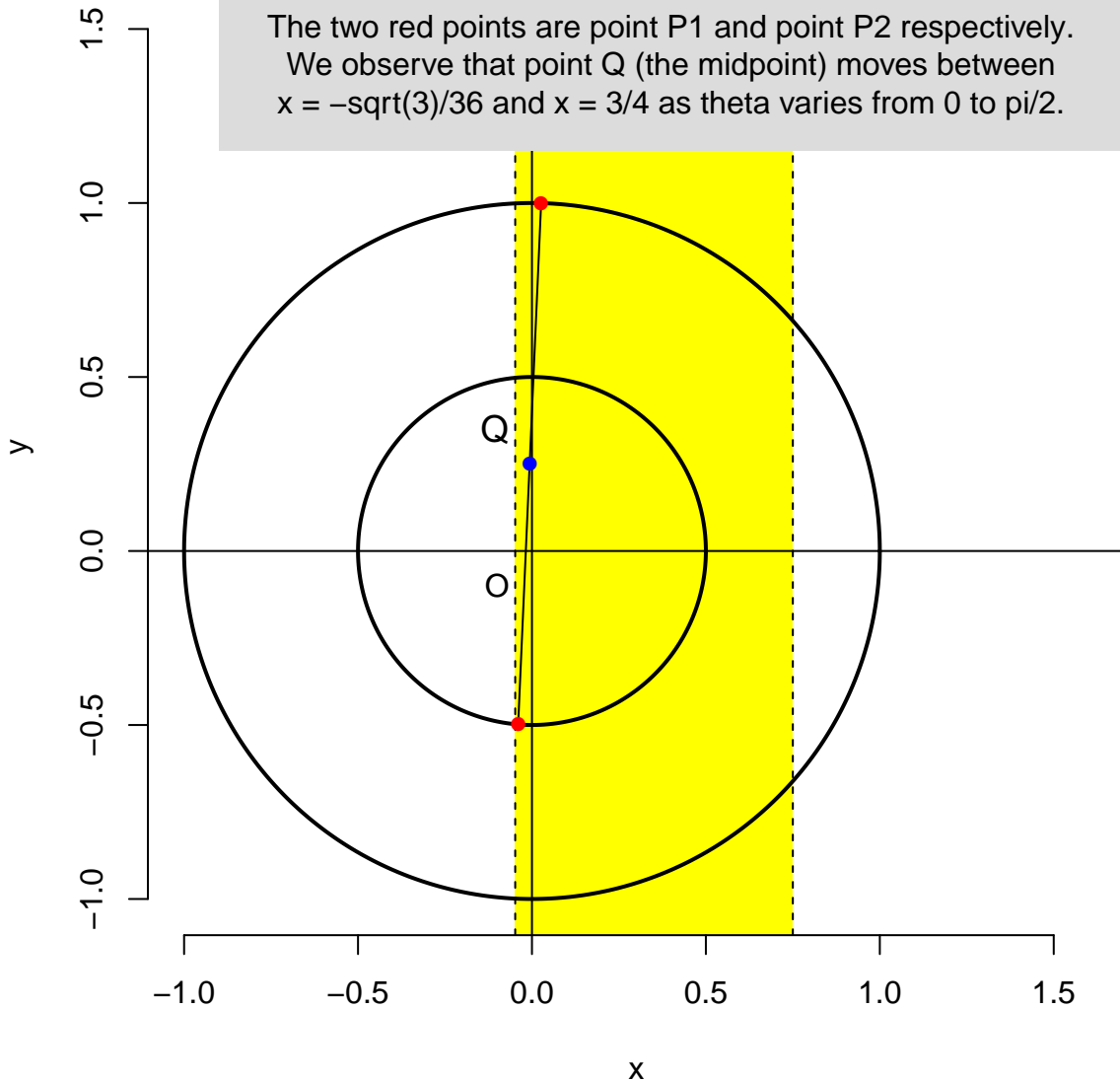**theta = 1.5444**

The two red points are point P1 and point P2 respectively.
We observe that point Q (the midpoint) moves between
x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

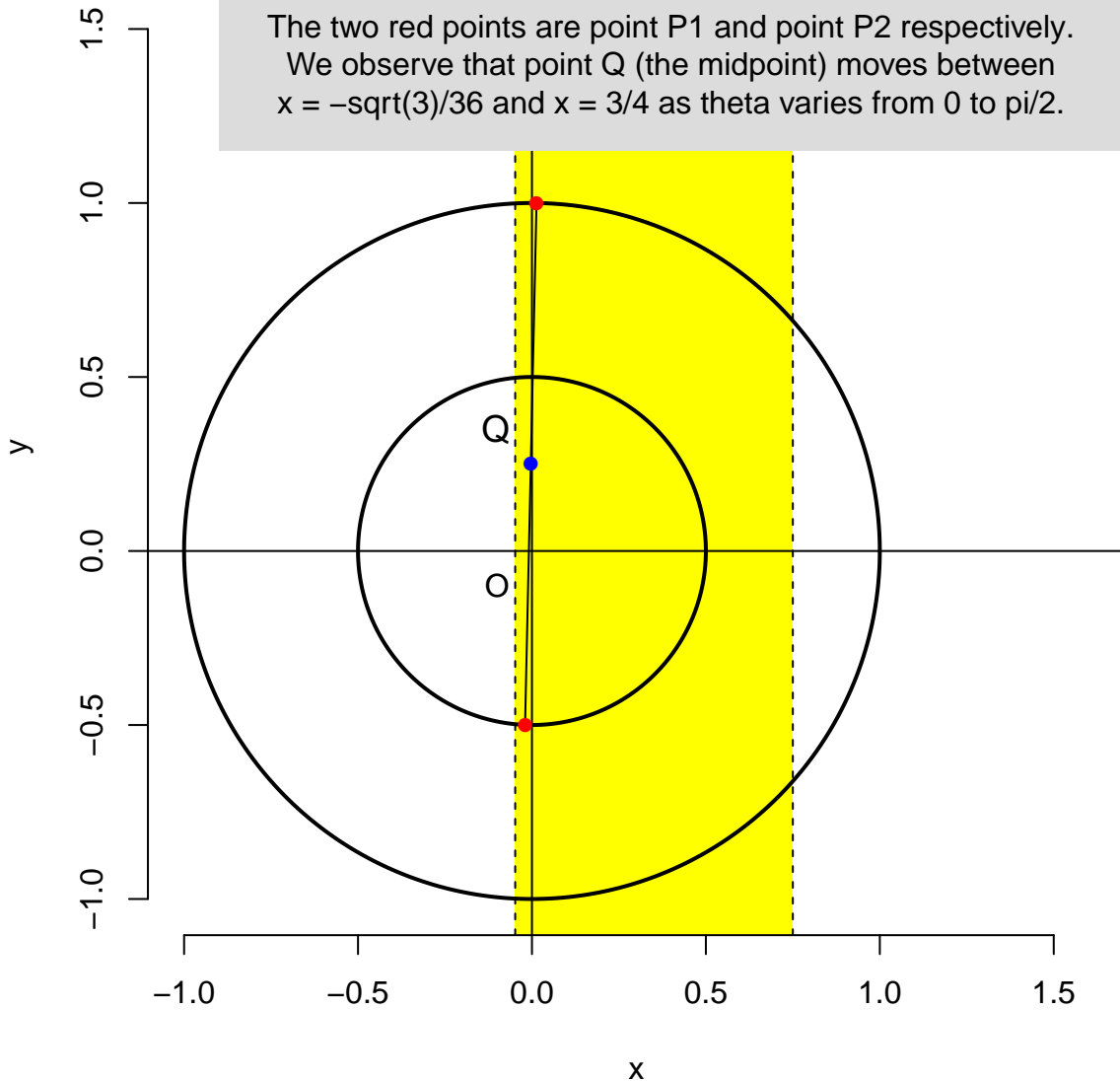**theta = 1.5576**

The two red points are point P1 and point P2 respectively.
We observe that point Q (the midpoint) moves between
x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.

theta = 1.5708

The two red points are point P1 and point P2 respectively. We observe that point Q (the midpoint) moves between x = −sqrt(3)/36 and x = 3/4 as theta varies from 0 to pi/2.