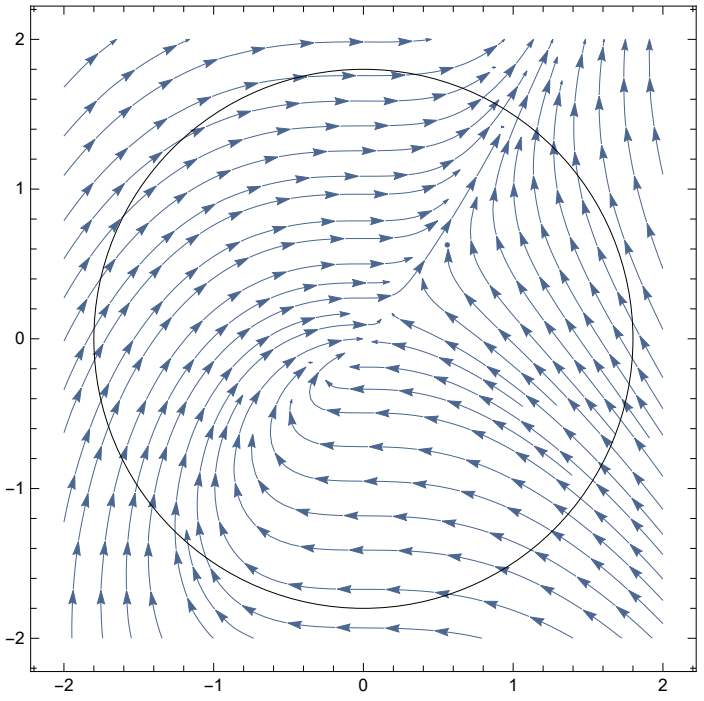
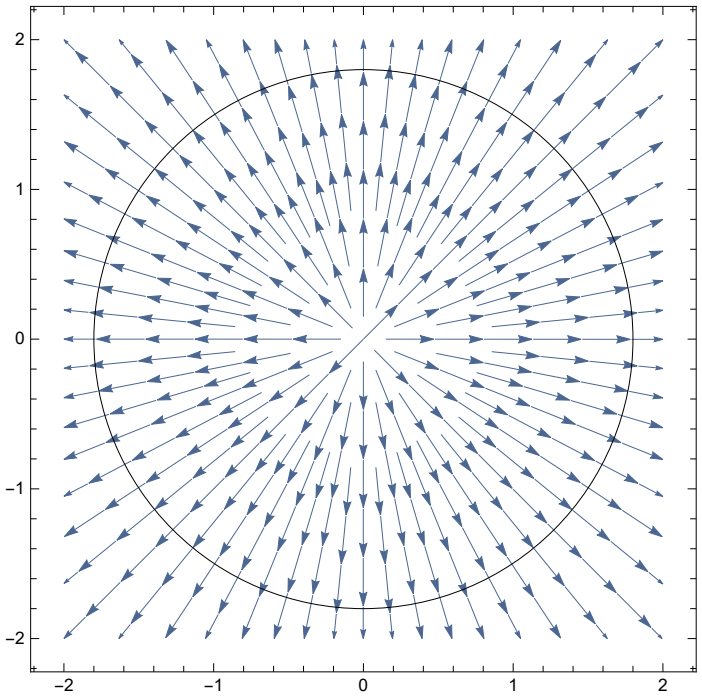
In[ ]:=
```
xdot = y - x;
ydot = x^2;
streamPlot = StreamPlot[{xdot, ydot}, {x, -2, 2}, {y, -2, 2}];
circle = Graphics[Circle[{0, 0}, 1.8]];
Show[streamPlot, circle]
```

Out[ ]=



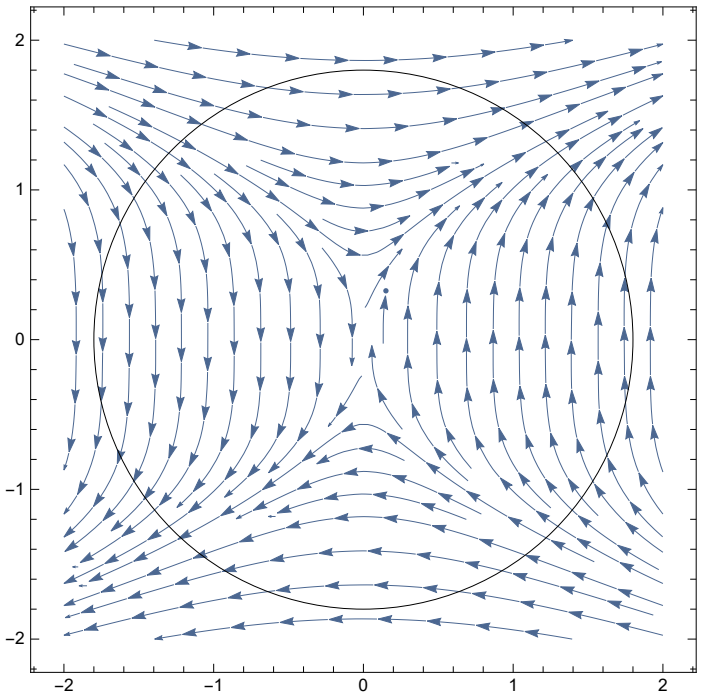
In[•]:=
```
a = 1;
xdot = a * x;
ydot = a * y;
streamPlot = StreamPlot[{xdot, ydot}, {x, -2, 2}, {y, -2, 2}];
circle = Graphics[Circle[{0, 0}, 1.8]];
Show[streamPlot, circle]
```

Out[•]=



In[•]:=
```
xdot = y^3;
ydot = x;
streamPlot = StreamPlot[{xdot, ydot}, {x, -2, 2}, {y, -2, 2}];
circle = Graphics[Circle[{0, 0}, 1.8]];
Show[streamPlot, circle]
```

Out[•]=



In[ ]:=
```
xdot = (x^2 + y^2) ^ (Abs[n] / 2) * Cos[n * ArcTan[y / x]];
ydot = (x^2 + y^2) ^ (Abs[n] / 2) * Sin[n * ArcTan[y / x]];
Graphics[Circle[{0, 0}, 1.8]];
Manipulate[Show[
  StreamPlot[{xdot, ydot} /. {n → n0}, {x, -2, 2}, {y, -2, 2}], circle], {n0, 1, 20, 1}]
```

Out[ ]=