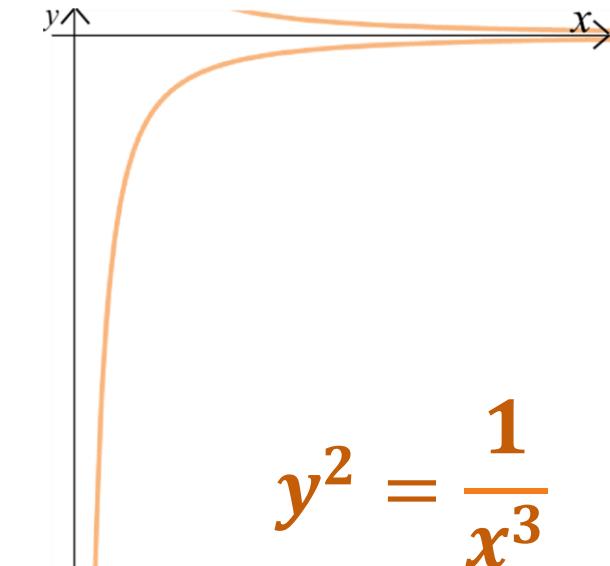
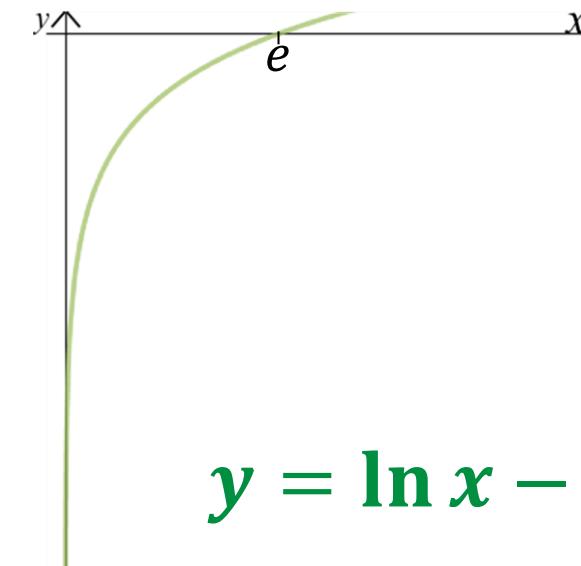
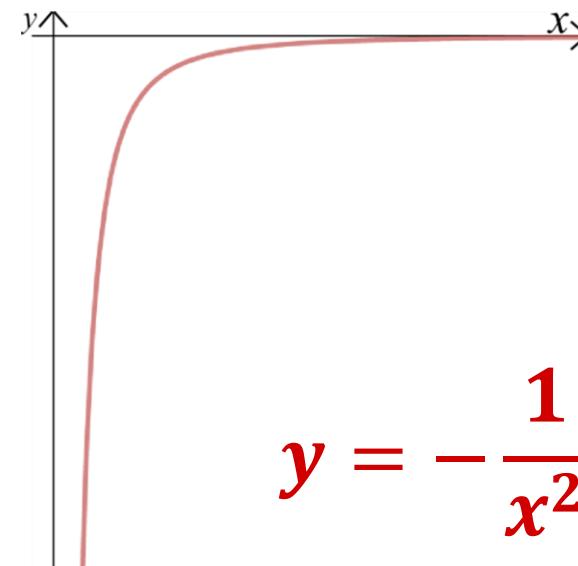
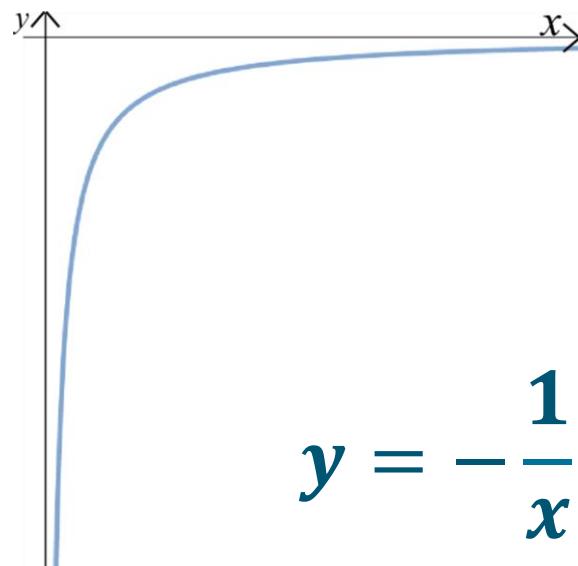




Brimful

The y-axis is an asymptote for the following curves:



Imagine rotating the $x > 0, y < -1$ regions of these curves about the y-axis to form a set of vessels.

Which vessels are of finite volume?

Thousands more problems can be found on the NRICH maths website:

<http://nrich.maths.org>