Two-way calculus

Teacher notes



Why use this resource?

Once students have spent some time on the benefits of using calculus to determine the nature of stationary points, identifying increasing and decreasing parts of a curve, and how we can use this to sketch a curve given its equation, this resource can be used to link all these features together and provide a framework for discussion.

An alternative approach is to use this resource to motivate integration.

It is essential that the students think about how the curves should *look* before delving into the algebra.

Ideas for using this resource can be found on the Resources in action page.