

5.2 The parabola equation $y = k(x - a)(x - b)$

In this exercise you will learn how to:

- find an equation of a parabola in the form $y = k(x - a)(x - b)$ from a graph
- find a and b from the zeros, using the zeros occur where $y = 0$
- find k using the y -intercept occurs where $x = 0$, or by substituting the coordinates of a point on the curve into the equation
- check the sign of k from the shape of the curve:



1 Find an equation of the form $y = k(x - a)(x - b)$ for the curve:

