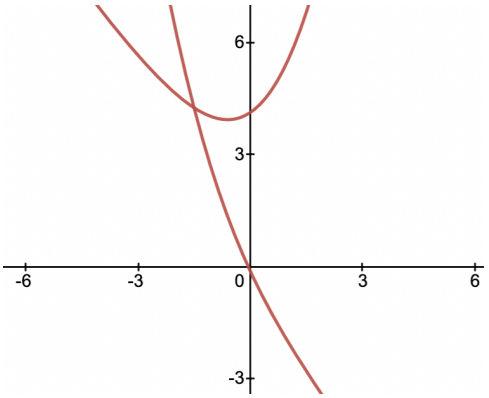
Proposed Problem.

Gregory Dresden
Washington & Lee University.
Lexington, VA, USA.
dresdeng@wlu.edu

PROBLEM:

Shown here is the graph of the parametric equation $x(t) = t - A/t$, $y(t) = t^2 + B/t$ for $A = 2, B = 3$.



Find all integer values of A and B such that the two branches of this graph are *orthogonal* at their point of intersection.