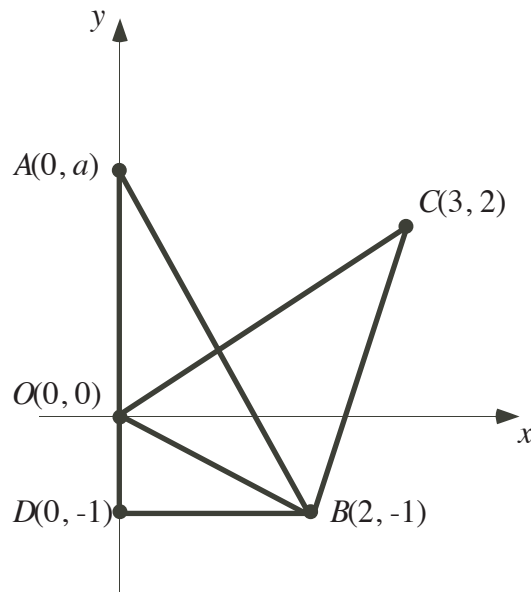




Problem of the Week Grade 9 and 10

Tangled Triangles



In the diagram, $A(0, a)$ lies on the y -axis above the origin. If $\triangle ABD$ and $\triangle COB$ have the same area, determine the value of a .

