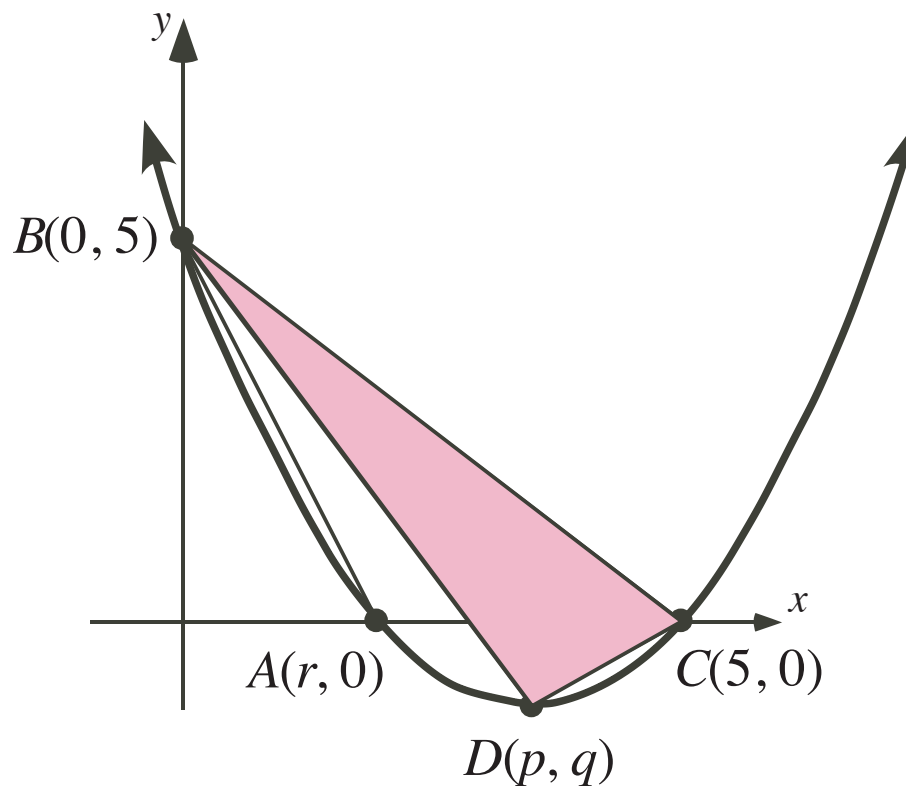


**Problem of the Week**  
**Problem E**  
**Find the Area - No Parabolem!**



In the diagram,  $D(p, q)$  is the vertex of the parabola. The parabola cuts the  $x$ -axis at  $A(r, 0)$  and  $C(5, 0)$ . The area of  $\triangle ABC$  is 5.

Determine the area of  $\triangle DBC$ .

