## MASSACHUSETTS MATHEMATICS LEAGUE CONTEST 2 - NOVEMBER 2008 Addendum

For Team question C, the following Sketchpad diagram suggests that the rectangle of maximum area has an area of 30 square units regardless of whether a side lies along the base or the leg of the isosceles triangle. Is this a "coincidence"? Try proving (or disproving) your contention and sharing your ideas with your teammates and coaches.

