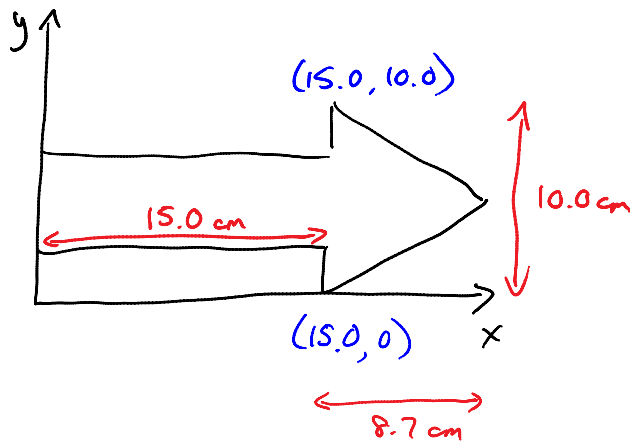


Section 4.3: cont'd

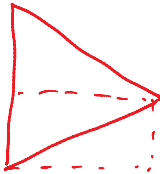
Thursday, November 12, 2015
10:30 AM

recall from last time:



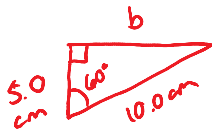
rectangle: 15.0 cm x 5.0 cm
triangle: equilateral,
10.0 cm side

find vertices of triangle
(points/corners)



coords:

- (15.0 cm, 0)
- (15.0 cm, 10.0 cm)
- (23.7 cm, 5.0 cm)



$$\begin{aligned} a^2 + b^2 &= c^2 \\ b^2 &= c^2 - a^2 \\ &= (10.0)^2 - (5.00)^2 \\ b &= \sqrt{75.0} \\ &= 8.6602 \text{ cm} \\ &= 8.7 \text{ cm} \end{aligned}$$