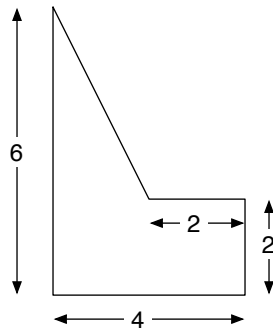


Understand and Teaching Mathematics
Mathematics Homework Assignment #5
Due: Tuesday, March 27, 2007

1. The measures of two of the angles of a triangle are 20° and 50° . What is the measure of the third angle?
2. The measures the angle of a triangle are $2x$, $3x$, and $5x$ for some number x . What is x ?
3. The corners of a triangle are located at coordinates $(0,0)$, $(8,0)$, and $(3,7)$. What is the area of this triangle?
4. What is the distance between the points $(5,0)$ and $(0,12)$?
5. What is the area of the region shown in the figure.



6. A circle is circumscribed around a rectangle (see the figure). The dimensions of the rectangle are 6 by 8. What is the radius of the circle?

