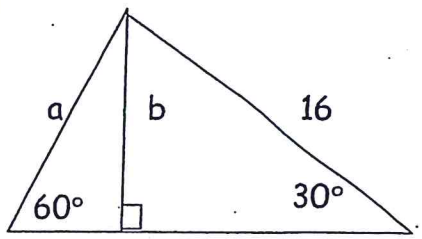
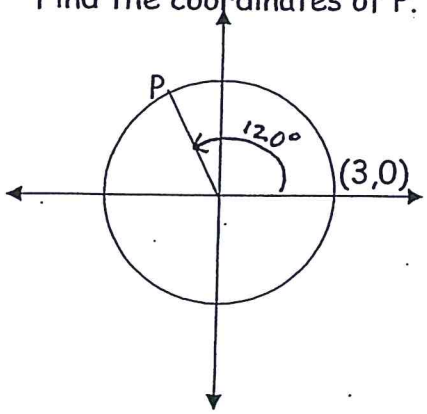
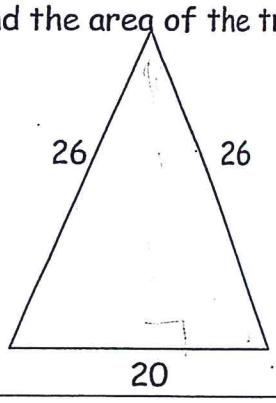
Ross Shirey

TIC TAC TOE Review – Chapter 10

Simplify $\sqrt{5000}$	Simplify $(7\sqrt{11})^2$	Find a and b. 
Name 3 Pythagorean triples. Classify as primitives or multiples.	Find the coordinates of P. 	Find the area of the triangle. 
Write the equation of the circle with center (-6,-2) and (6,3) a point on the circle.	Arbortown is at (1,4) on a grid and Bloomville is at (13,8). A train line will connect them. What is the length of the train line? A mail drop will occur halfway between the two towns. Where will the mail drop be located on the grid?	Find the diagonal length of a 5 inch cube. Explain or show how you figured this out.

Key

$50\sqrt{2}$ 539 ~~5290~~

$a = 16/3\sqrt{3}$ $b = 8$

3,4,5 5,12,13 7,24,25

8,15,17 + multiples of these

$(-\frac{3}{2}, \frac{3\sqrt{3}}{2})$

$A = .5 \times 20 \times 24 = 240\ cm^2$

$169 = (x+6)^2 + (x+2)^2$

10.66 ~~13.42~~ miles

(7,6)

$5\sqrt{3}$