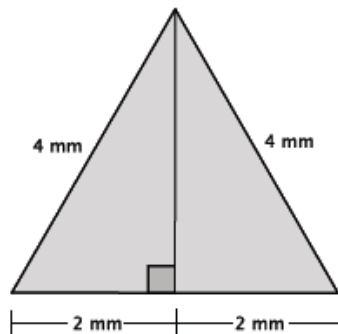Name _____   Date _____

Lesson 18: Applications of the Pythagorean Theorem

Exit Ticket

Use the diagram of the equilateral triangle shown below to answer the following questions. Show the work that leads to your answers.

a.   What is the perimeter of the triangle?

b.   What is the height, h mm, of the equilateral triangle? Write an exact answer using a square root and an approximate answer rounded to the tenths place.