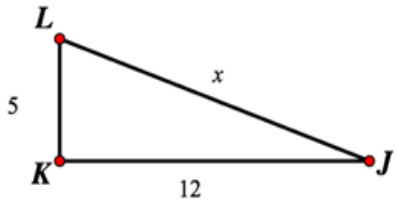
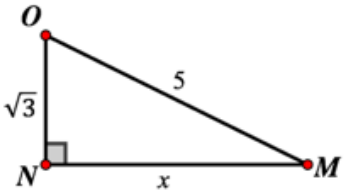
Geometry 4c: Finding Side Lengths **Name** _____
Homework #2 **Pd** _____ **Date** _____

Determine the unknown length of each figure.

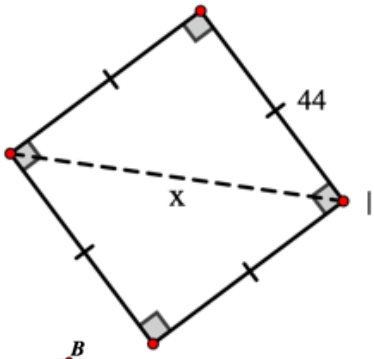
1.



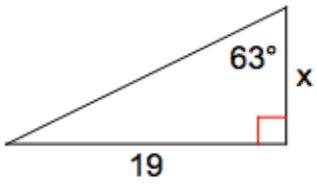
2.



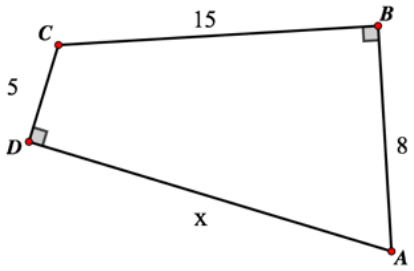
3.



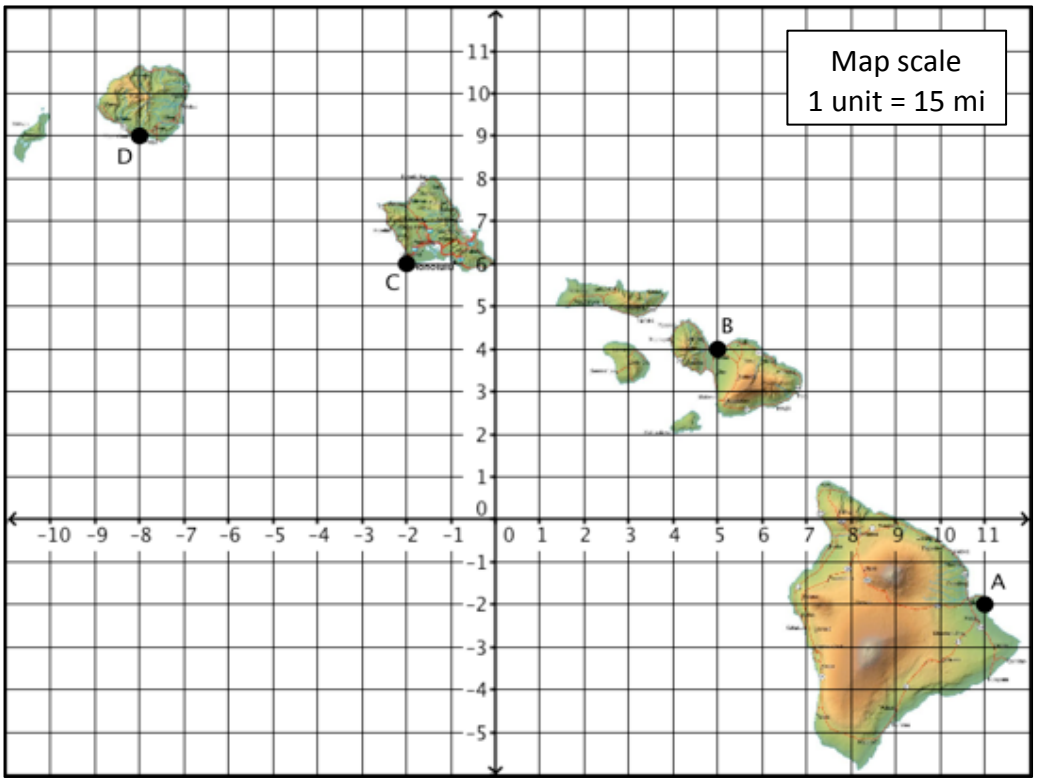
4.



5.



Determine if the side lengths form a right triangle.

4. $3\sqrt{7}$ cm, 9 cm, 12 cm **5.** $\sqrt{82}$ km, $\sqrt{114}$ km, 14 km **6.** $3\sqrt{15}$ yd, 11 yd, 19 yd

7. Use the Pythagorean theorem to find the distance from Hilo (A) to Honolulu (C). Then, determine the actual distance between Hilo and Honolulu using the map scale.