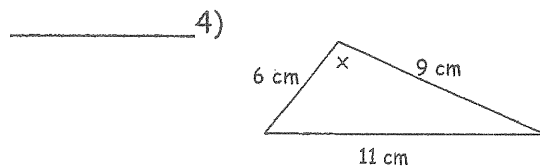
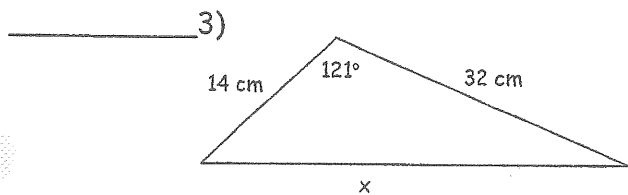
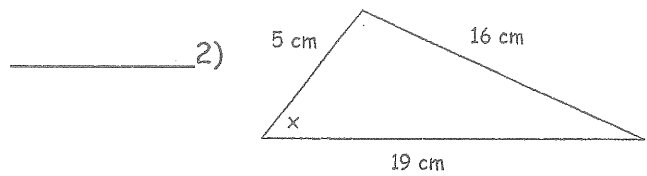
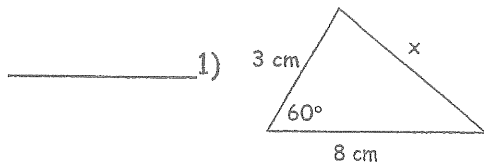


Name _____

Homework Day 5 Law of Cosines

1-4 Find the value of x . Round to thousandths. Show work.



5-8 SHOW WORK. Round to thousandths.

_____ 5) The lengths of the sides of a Δ are 4cm, 5cm, and 6cm. Find the measure of the smallest angle.

_____6) A regular octagon is inscribed in a circle with a radius of 6cm. Find the perimeter of the regular octagon.

_____7) The bearing from Mathville to Geoville is 150° and the distance is 10m. The bearing from Geoville to Algeville is 200° and the distance is 30m. Find the distance from Mathville to Algeville.

_____8) The bearing from A to B is 250° . The bearing from B to C is 120° . The distance from A to B is 45 ft and the distance from B to C is 10 ft. Find the distance from A to C.