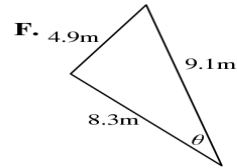
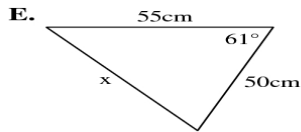
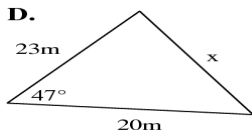
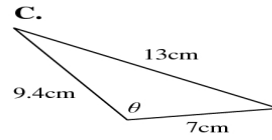
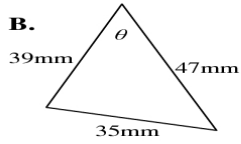
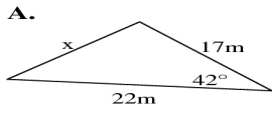


COSINE LAW WORKSHEET

1. Solve for the unknown in each triangle. Round to the nearest hundredth.



2. Solve for **all** missing sides and angles in each triangle. Round to the nearest hundredth. **** USE PROPER VARIABLES**

A. $\triangle XYZ$: $x = 29\text{m}$, $y = 15\text{m}$, $\angle Z = 122^\circ$

B. $\triangle GHI$: $g = 13\text{cm}$, $h = 8\text{cm}$, $i = 15\text{cm}$

C. $\triangle MNO$: $n = 3\text{m}$, $o = 28\text{m}$, $\angle M = 62^\circ$

Law of Cosines

Solve for the side or angle indicated in each.

Find the area of the following triangles.
(Do not round angles before finding the area)

