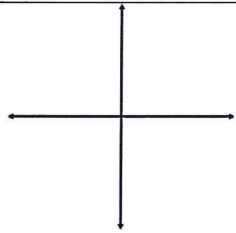
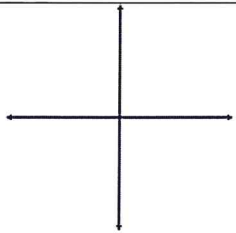
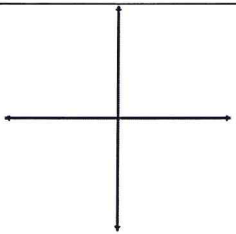


Trigonometry
SOH-CAH-TOA, Hand Trick, Solving Triangles – Accuracy

Evaluate the six trigonometric functions for the regular right triangle for $\angle A$.

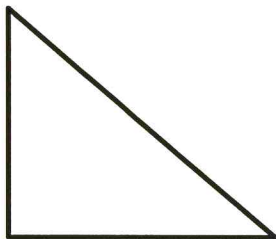
1. $a = 5$ & $b = 12$

Using the hand trick discussed in class, give the exact value of each of the following trig functions:

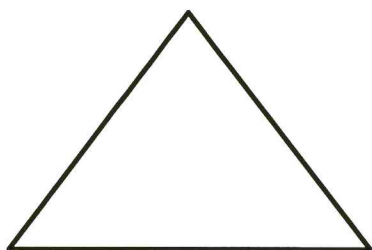
Given Angle	Reference Angle	Quadrant Terminal Side is located in	Exact Value
2. $\sin 225^\circ$			
3. $\cos -360^\circ$			
4. $\tan -330^\circ$			

Solve the following triangles given the provided information. Round all angles to the nearest tenth of a degree and sides to the nearest tenth if using inverse trig functions:

5. $a = 5$ & $b = 12$



6. $\angle A = 42^\circ$, $\angle C = 73^\circ$, & $c = 34$



7. $a = 10$, $b = 3$, $c = 12$

