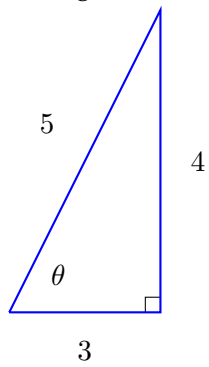


Classwork 18
Intermediate Algebra MTH 35
Topic: Trigonometry of right triangles

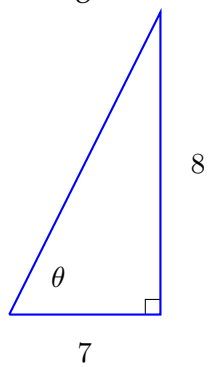
Name: _____

1. Find exact values of the six trigonometric ratios for the angle θ in the given triangle.

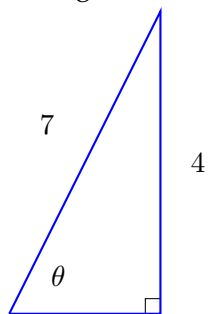
(a) Triangle 1



(b) Triangle 2



(c) Triangle 3



2. Sketch the triangle that has acute angle θ and find the other five trigonometric ratios of θ .

(a) $\cos \theta = 4/5$

(b) $\tan \theta = 5/3$

(c) $\sin \theta = 6/11$

(d) $\sec \theta = 2$