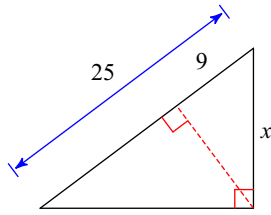


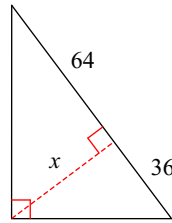
### MORE Similar Right Triangles and Basic Trig

Find the missing length indicated. Show all work.

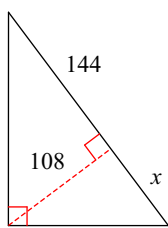
1)



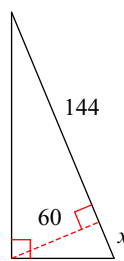
2)



3)

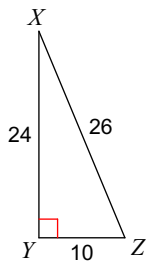


4)

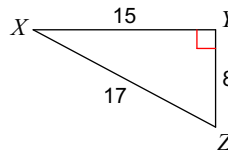


Find the value of each trigonometric ratio. Give your answer as a reduced fraction.

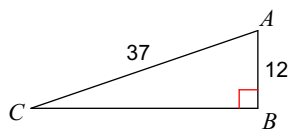
5)  $\tan X$



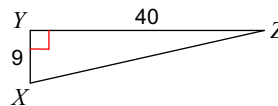
6)  $\tan Z$



7)  $\cos C$



8)  $\cos Z$



9. Given triangle PQR with right angle R, and  $\sin P = 45/53$ , find  $\tan Q$ .

10. Given triangle GHJ with right angle H, and  $\tan J = 55/48$ , find  $\sin G$ .

**Find the missing side. Round to the nearest tenth.**

