Trigonometry 4

Find the trigonometric ratios using the information given.

1) Cos A = 8/10   Tan C =   Sin C =

2) Sin A = 7/25   Cos A =   Tan C =

3) Tan C = 30/16   Tan A =   Sin A =

4) Sin C = 24/26   Cos A =   Cos C =
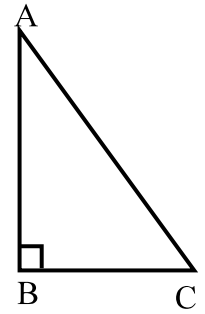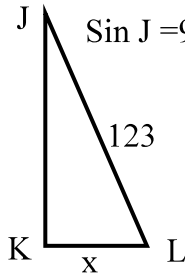
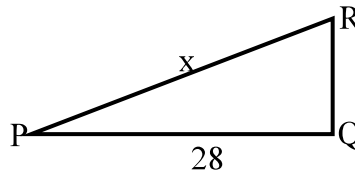Use a proportion or an equation to find x in each problem below.
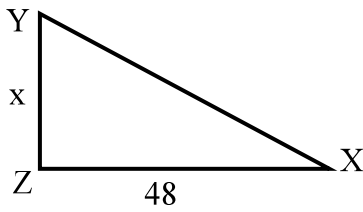
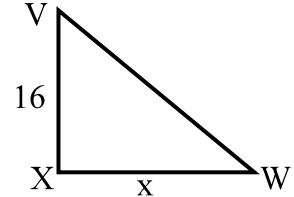5) Tan Y = 12/5   6)   Sin J =9/41   7) Sin R = .9724   8)   Tan V = 1.1482

Give each trigonometric ratio to 4 places.

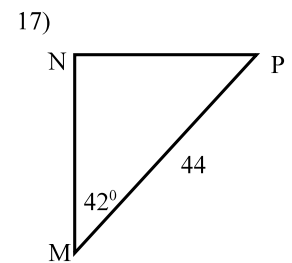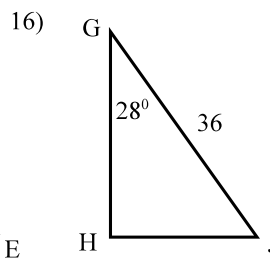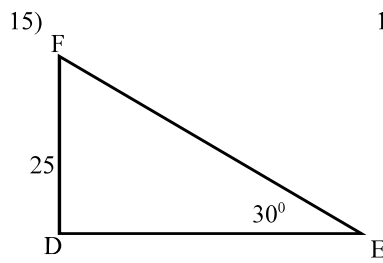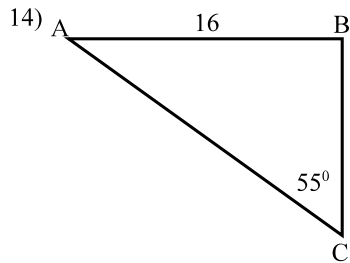9) Sin 32^0 10) Cos 89^0 11) Tan 18^0 12) Tan 58^0 13) Cos 24^0

Solve each triangle. Give the measure of each side and angle to the nearest tenth.

14)   15)   16)   17)

Find the measure of each acute angle to the nearest tenth of a degree.

18)   19)   20)   21)

22)   23)   24)   25)