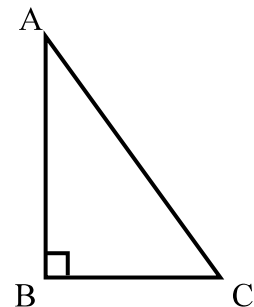Find the trigonometric ratios using the information given. Give the measure of each acute angle.

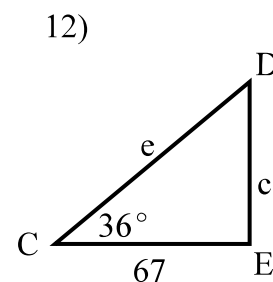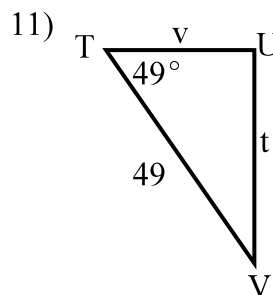2) Tan A = 85/132   Cos A =   Tan C =   m∠A=   m∠C=
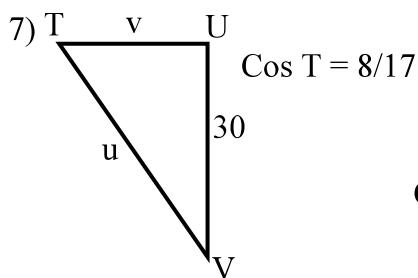
3) Sin C = 54/71   Tan A =   Sin A =   m∠A=   m∠C=

4) Cos A = 13/24   Cos A =   Cos C =   m∠A=   m∠C=

Use the information given to solve the following triangles.

7)

Cos T = 8/17

8)

Tan D =48/55

11)

12)

Use the given information to find the measures of the acute angles. (Use ΔABC.)
5) c = 79, b = 64   16) b = 100, a = 77