PRELIMINARY MATHEMATICS

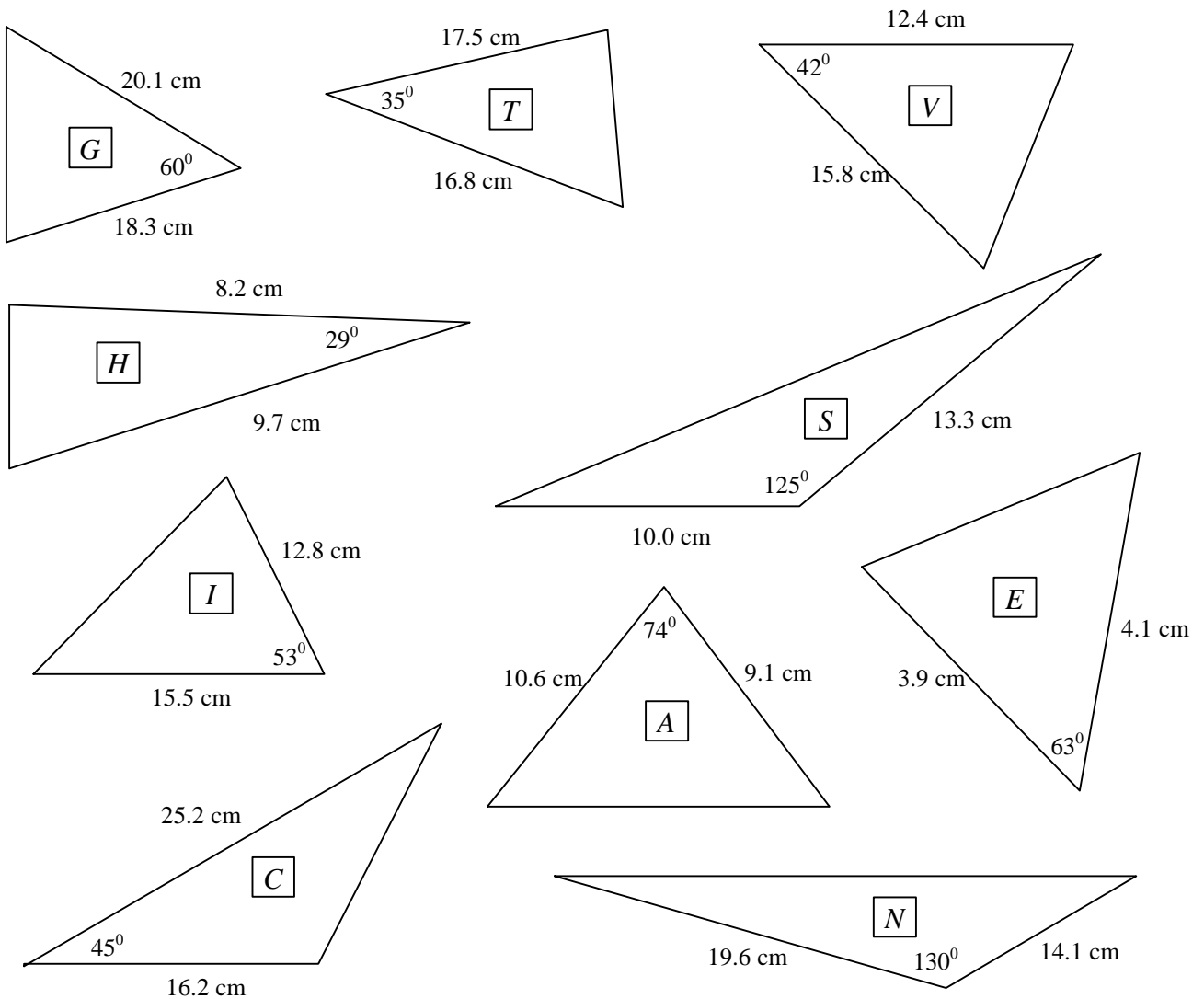## AREA OF A TRIANGLE PUZZLE

COURSE/LEVEL

NSW Secondary High School Year 11 Preliminary Mathematics.

TOPIC

Trigonometric Ratios: Area of a Triangle, given two sides and a the included angle (Ref: 5.5)

Why do elephants wear ripple-soled tennis shoes?

Step 1   Find the area of these triangles, correct to 1 decimal place.

Step 2   Write the letter corresponding to each answer in the spaces below.

79.2   84.3   159.3   79.2   65.5   7.1   54.5   84.3   19.3   7.1   46.4   105.9   84.3   54.5

46.4   105.9   7.1   65.5   7.1   105.9   144.3   19.3   46.4   105.9   144.3   7.1