MATHEMATICS PRELIMINARY EXTENSION 1
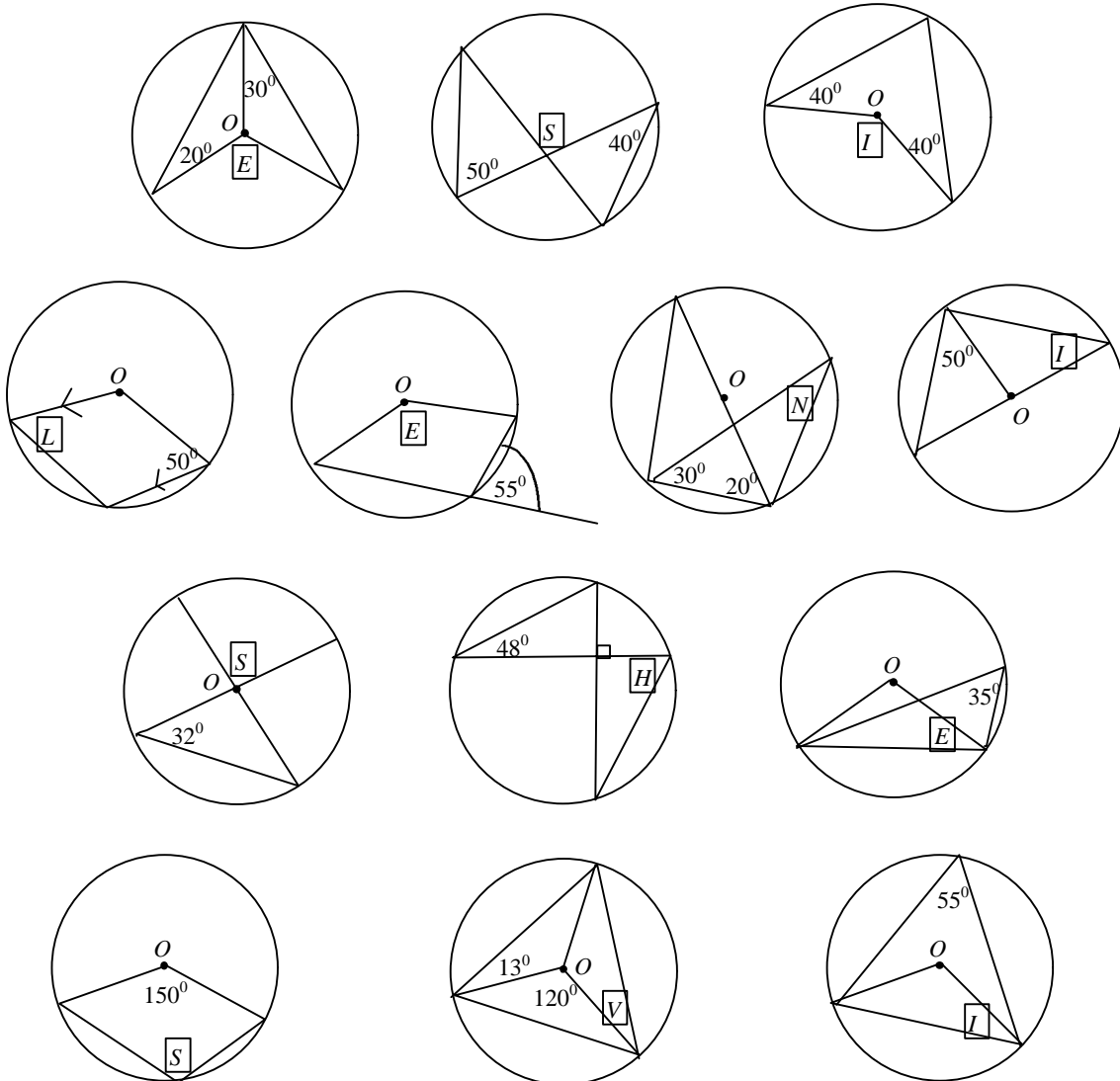## CIRCLE GEOMETRY PUZZLE

COURSE/LEVEL
NSW Secondary High School Year 11 Preliminary Extension Mathematics.

TOPIC
Circle Geometry: Applications of Circle Geometry Results (Syllabus Reference: 2.10)

Where did the king put his armies?

Step 1 Find the size of each angle represented by pronumerals. (O is the centre of each circle.)

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

35^0 70^0 42^0 40^0 90^0 105^0 65^0 110^0 100^0 47^0 160^0 55^0 116^0