

Strand F *GEOMETRY*

Introductory Problems

We have developed a number of problems that are related to the concepts in this strand. You can use these as an introduction to the work that follows and we recommend that you work on them with colleagues.

The problems are designed to encourage mathematical thinking. You can also use them with your classes.

- King Arthur's Inner Council was made up of himself and 35 other knights. Council meetings were held at an almost round table that actually had 36 sides of equal length.



Calculate the obtuse angle made between two adjacent sides

- Classify the quadrilaterals into two groups - those that share a mathematical feature with shape C and those that don't. Classify the shapes in as many different ways as you can.

