

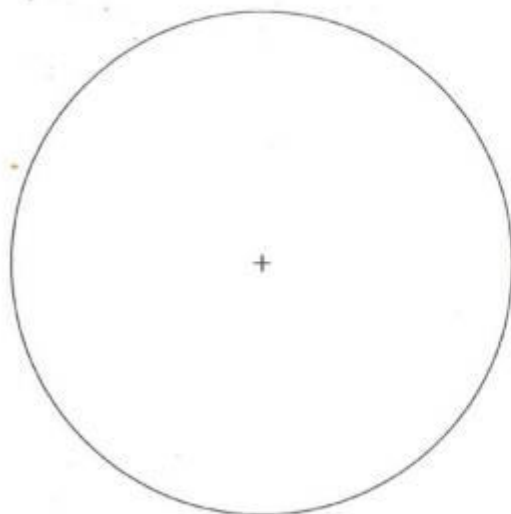
BA SANGAM COLLEGE

BASIC DRAWING

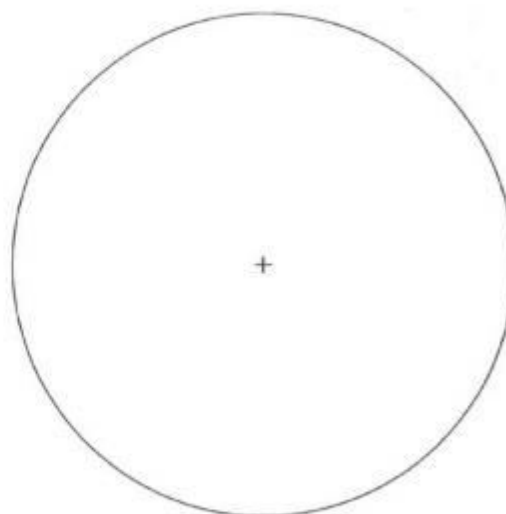
YEAR 09

WORKSHEET 4

GIVEN: A CIRCLE  
REQUIRED: CONSTRUCT A REGULAR PENTAGON FGHJK WITHIN THE CIRCLE, USING THE GENERAL METHOD.



GIVEN: A CIRCLE  
REQUIRED: CONSTRUCT A REGULAR HEXAGON GHJKLM WITHIN THE CIRCLE, USING THE GENERAL METHOD.



Instruction: Please do attempt this at the back of your exercise book.

**QUESTION 2 PART 1 - MATCHING [5 marks]**

Match the descriptions in List A with the correct terms in List B. Write the letter representing the term in the box beside the matching description.

- | <u>List A</u>  | <u>List B</u>     |
|--|-------------------|
| <input type="checkbox"/> Collecting information                | (a) polygon       |
| <input type="checkbox"/> Longest side of a triangle            | (b) leather       |
| <input type="checkbox"/> Reduces pollution                     | (c) safety        |
| <input type="checkbox"/> Hold up cylindrical work              | (d) nails         |
| <input type="checkbox"/> Durable and flexible material         | (e) hypotenuse    |
| <input type="checkbox"/> Holding the timber while sawing       | (f) spanners      |
| <input type="checkbox"/> Closed symmetrical curve              | (g) recycling     |
| <input type="checkbox"/> Plane figure bounded by several lines | (h) Investigation |
| <input type="checkbox"/> Hold wooden parts together            | (i) bench hook    |
| <input type="checkbox"/> Turning set screws and nuts           | (j) ellipse       |
|  | (k) V block       |

**PART 2 - MATCHING [5 marks]**

Year Level: \_\_\_\_\_

The faces on the isometric view of a given shaped block are indicated by letters in **Figure 1**.

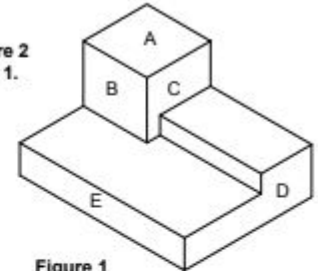


Figure 1

Write the correct letters in the circles in **Figure 2** to match their corresponding faces in **Figure 1**.

