

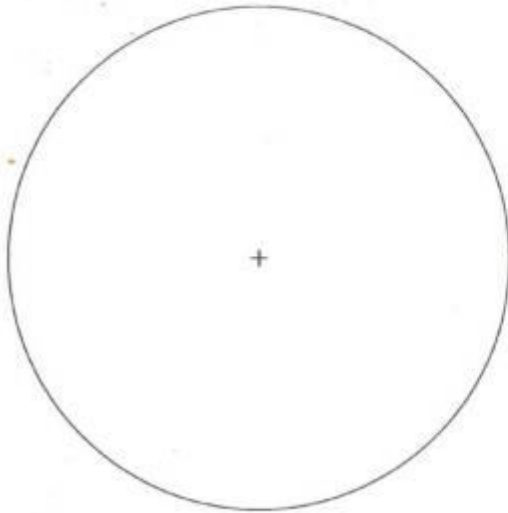
BA SANGAM COLLEGE

BASIC DRAWING

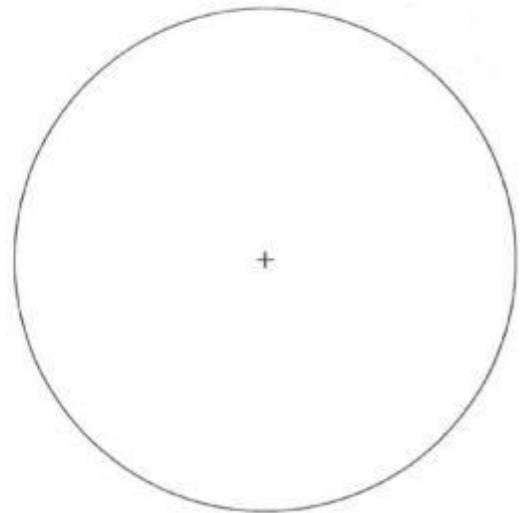
YEAR 09

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**.

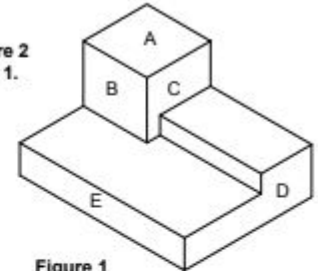


Figure 1

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

