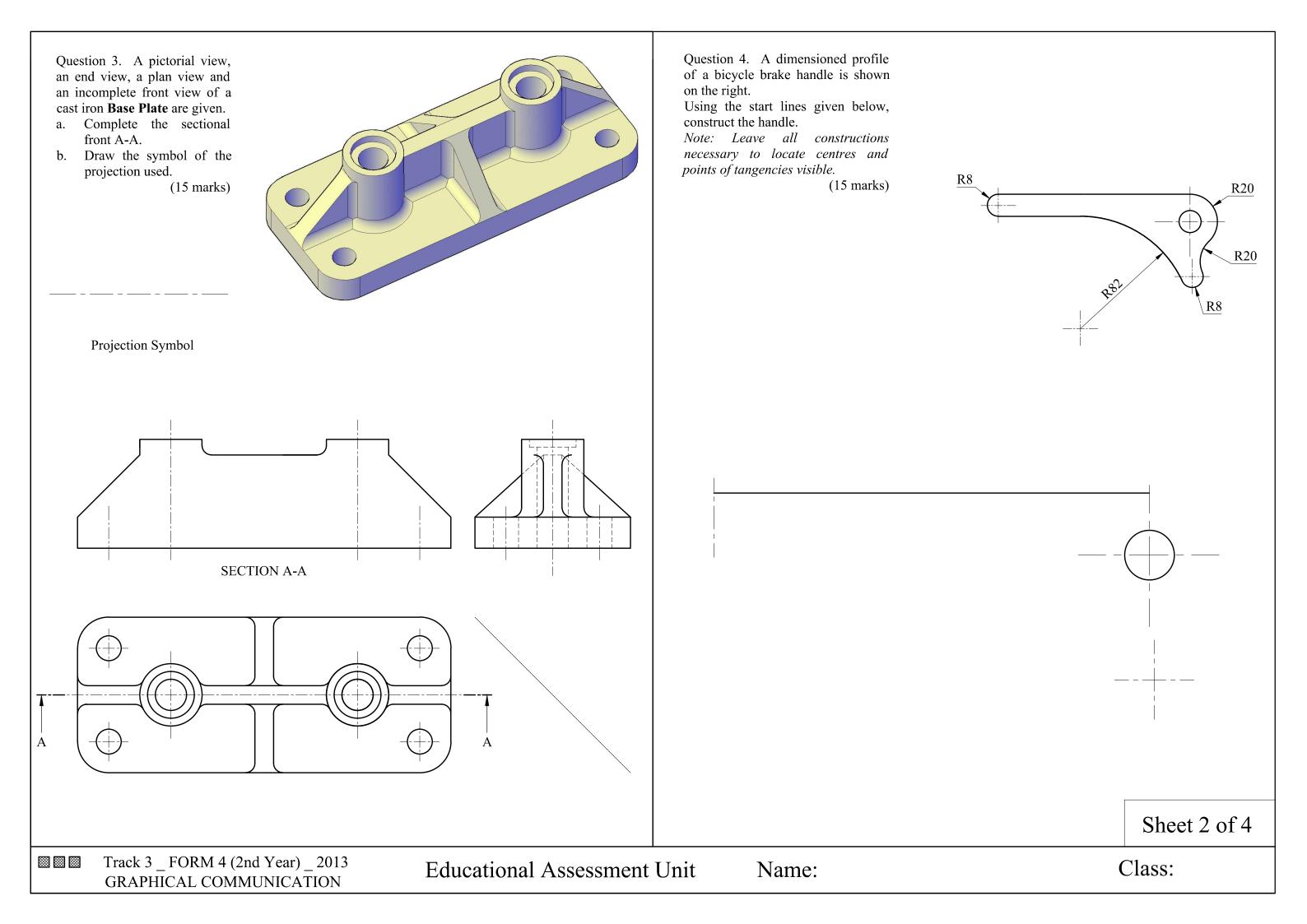
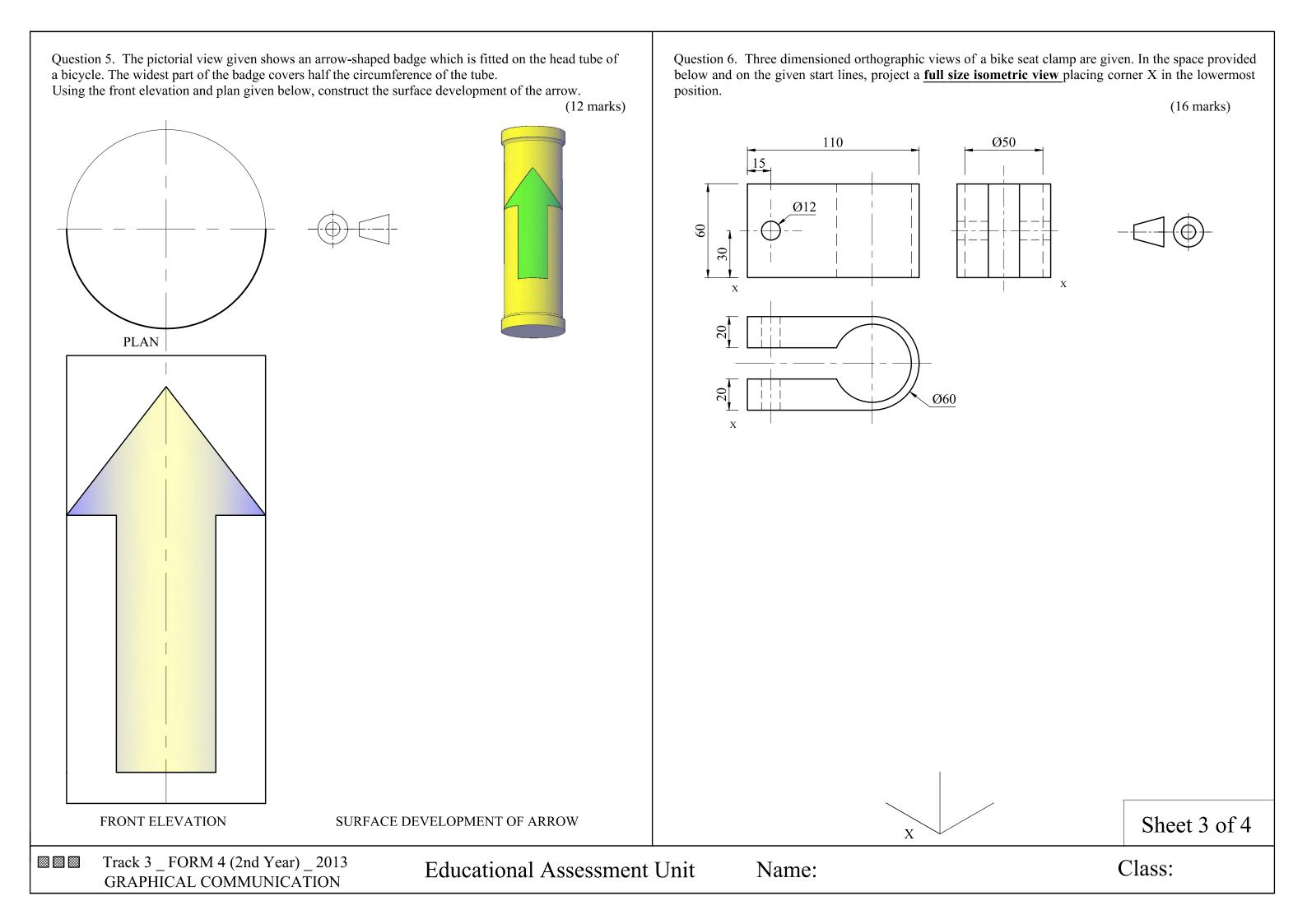
Question 1. A drawing of a motor bike logo is shown below. By means of geometrical construction, line Question 2. The profile of a cyclist on a motocross bike is given on the right. AB has been enlarged to A<sub>1</sub>B<sub>1</sub>. Complete the construction to enlarge the whole drawing using centre P as the pole. Starting from the given position, the Note: Construct the left-hand side of the logo and reflect the right-hand side. rear wheel is to turn forward for one (10 marks) revolution on a horizontal platform without slipping. Using the given start lines below: Name of curve..... a. Trace the locus of point P. b. In the space provided, state the name of the curve traced. (14 marks) Sheet 1 of 4 Track 3 \_ FORM 4 (2nd Year) \_ 2013 Class: **Educational Assessment Unit** Name: **GRAPHICAL COMMUNICATION** 

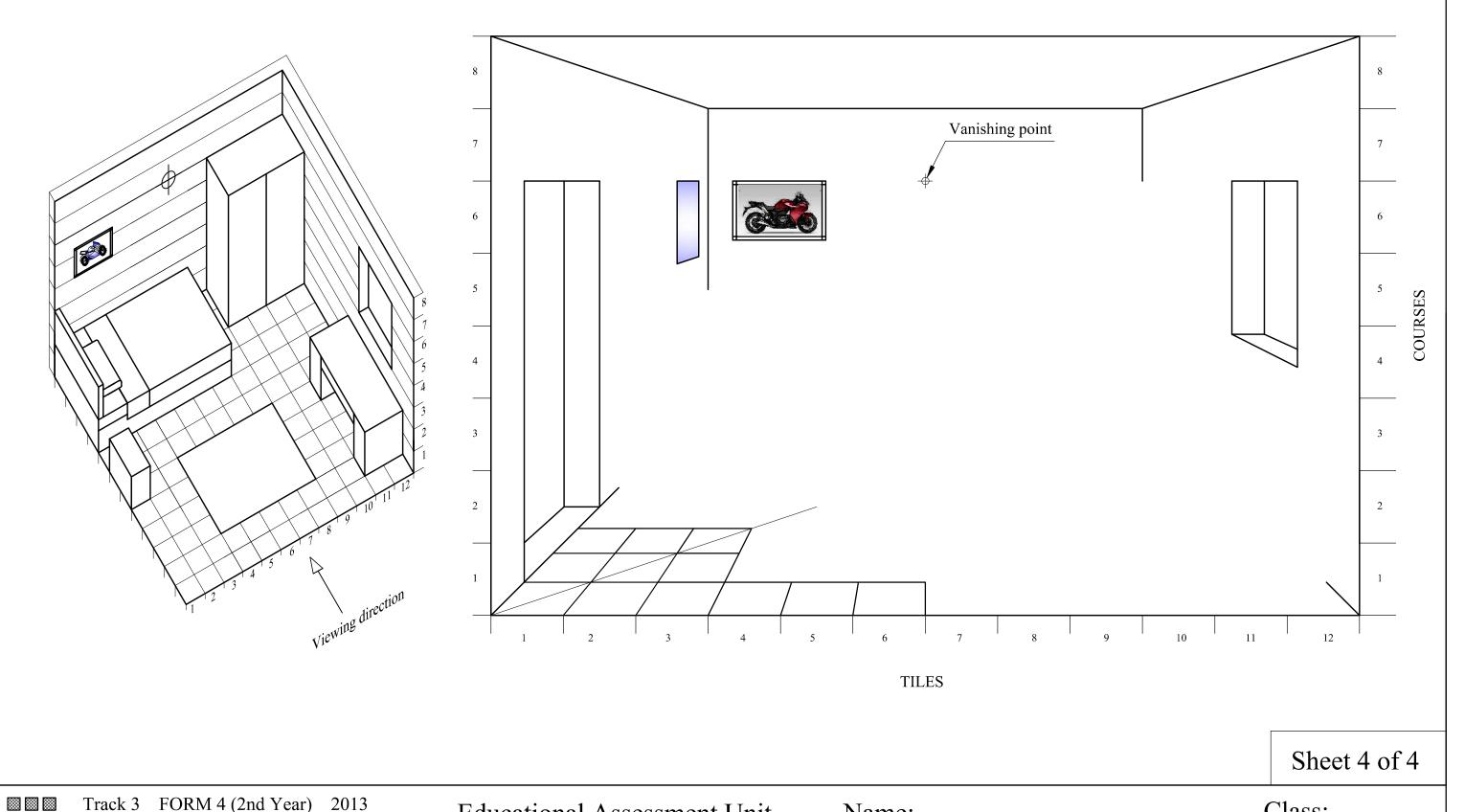




Question 7. A complete planometric view of a student's room is given below. The length, width and height of the room is 12 units X 8 units. The start lines of an estimated single-point perspective view of the room are also given below. The vanishing point is indicated and the tiles and courses are numbered. Complete the perspective view by following the given steps:

- a. Complete the construction of the floor tiles (12 tiles x 12 tiles).
- Insert the furniture and the carpet (use the tiles and courses to determine the dimensions).
- Line in with a bold outline the visible tiles, carpet and furniture.

(18 marks)



Track 3 \_ FORM 4 (2nd Year) \_ 2013 GRAPHICAL COMMUNICATION

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