# CARTS AND WHEELS

**WORKSHEET – 2**                                                      **GRADE -4**

## I. STATE WHETHER THE FOLLOWING STATEMENTS ARE TRUE OR FALSE.

1. We can draw many radii in the circle.

    | TRUE | FALSE |

2. A circle has more than one centre.

    | TRUE | FALSE |

3. Centre of the circle is a point from which all the points on the circle are at the same distance.

    | TRUE | FALSE |

4. Two radii of the same circle are equal in length.

    | TRUE | FALSE |

5. Radius of a circle is a straight line drawn from the centre to the boundary of the curve.

    | TRUE | FALSE |

## II. ANSWER THE FOLLOWING:

1. The students in a class are divided into 5 groups namely A, B, C, D and E. Each group is given with different nails and ropes and they are asked to draw a circle using the nail and the ropes. Observe the table given below and answer the following questions.

    | GROUP | LENGTH OF THE ROPE (IN CM) |
    | --- | --- |
    | A | 5 |
    | B | 7 |
    | C | 4 |
    | D | 10 |
    | E | 6 |

    a) Which group can draw the biggest circle? _____.

    b) The group that drew the smallest circle is _____.

    c) The radius of the circle drawn by group A is _____.

    d) The circle of radius 7cm is drawn by group _____.