

A Circle in the Air

The Thunder Wheel is stuck. The arrows show in which direction it turns.

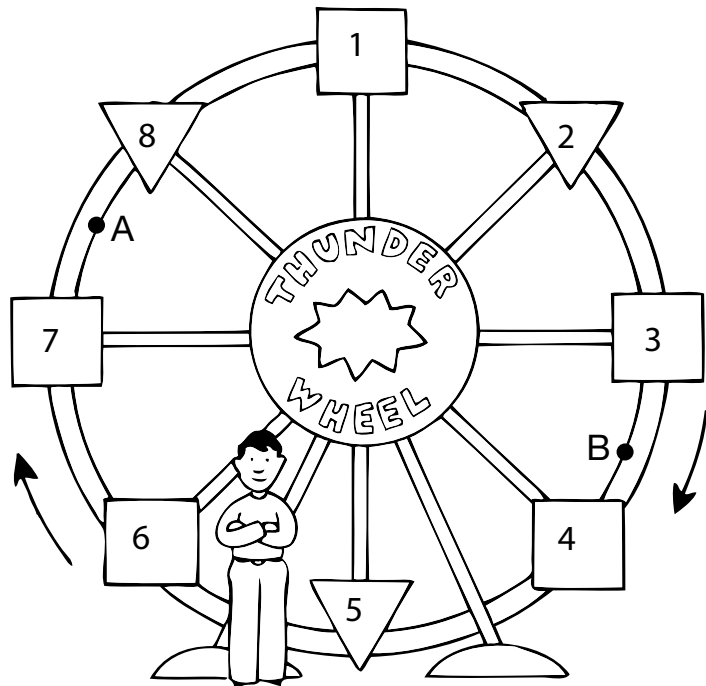
Use the clues below to determine where each person is sitting. Write the number of the car in which each person is sitting.

Janet _____ Jerome _____ Lora _____ Nancy _____

Jim _____ Laverne _____ Bill _____ Arthur _____

Clues

1. All of the girls except Nancy sit in the triangular shaped cars.
2. When the Thunder Wheel starts up again, Lora and Arthur will be the first two people to pass by the operator.
3. Nancy is stuck at the top.
4. Bill is in a car next to Arthur.
5. Jerome is between Jim and Lora.
6. The children whose names begin with J sit one after another.



One More Thing: Use your inch ruler.

Measure the diameter \overline{AB} of the inner circle of the Thunder Wheel.

Write the measurement here. _____

What is the length of the radius of the circle? _____