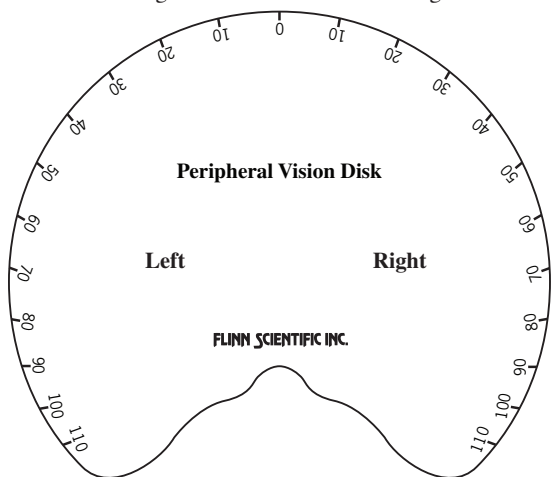


# Peripheral Vision Worksheet

## Observations

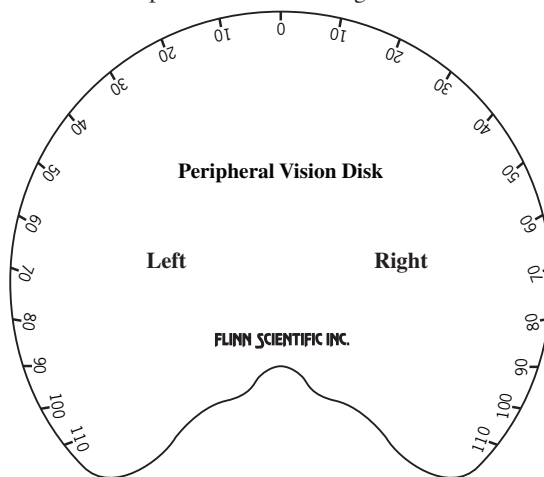
### Part 1. Visual Field: Motion and Reading

Mark an "M" for motion, and "R" for reading at the correct angle on each side of the diagram.



### Part 2. Visual Field: Motion, Color, Reading and Shape

Mark an "M" for motion, "C" for color, "R" for reading, and "S" for shape at the correct angle on each side of the diagram.



**Data Table 1**

| Detail  | Angle of Correct Identification (degrees) |       | Total Visual Field<br>(Degrees Left + Right) |
|---------|---|-------|--|
|         | Left                                      | Right |  |
| Motion  |   |       |  |
| Reading |   |       |  |

**Data Table 2**

| Detail  | Angle of Correct Identification (degrees) |       | Total Visual Field<br>(Degrees Left + Right) |
|---------|---|-------|--|
|         | Left                                      | Right |  |
| Color   |   |       |  |
| Motion  |   |       |  |
| Reading |   |       |  |
| Shape   |   |       |  |

### Post-Lab Questions *(Use a separate sheet of paper to answer the following questions.)*

- List your specific fields of vision (Total Visual Field) from greatest range to smallest range for all the categories tested.
- Compare your motion and reading fields of vision from Part 1 to Part 2. Did your peripheral vision improve in either area, stay the same, or get worse?
- On what area of the retina was the image of the sight card focused when it was first detected? On what area of the retina was the image of the letters focused? Which type of photoreceptors are more numerous in each area of the retina?
- Think of activities or occupations where good peripheral vision would be advantageous. List several and explain why peripheral vision is important in each.