Circle Graphs

Create a circle graph for the blocks in the bag.

<table>
<thead>
<tr>
<th>Color</th>
<th>Simplified Fraction</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Blue</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Green</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Orange</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Title: ____________________________
Whole to Part: (All sections are in equal parts)

Write the percentage in each section and answer each question below.

1) If 80 students were surveyed how many students chose Spanish? _____

2) If 96 students were surveyed how many students have a bird? _____

3) If 85 students were surveyed how many play basketball? _______

4) If 96 students were surveyed how many students chose Green? _____

5) If 450 students voted how many students voted for Jill? _______

6) If 120 students ordered lunch on Wednesday how many students ordered a salad? _______
Part to Whole: (All sections are in equal parts)

1) If 45 students chose French how many students were surveyed? _______

2) If 11 students have a cat how many students were surveyed? _______

3) If 26 students play lacrosse how many students were surveyed? _______

4) If 67 students chose pink how many students were surveyed? _______

5) If Carl received 127 votes how many students voted? _______

6) If 55 students ordered pizza how many students ordered lunch? _______
Favorite Type of Movie

Estimate the percentage for each genre.

<table>
<thead>
<tr>
<th>Genre</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sci-Fi</td>
<td>__________</td>
</tr>
<tr>
<td>Comedy</td>
<td>__________</td>
</tr>
<tr>
<td>Action</td>
<td>__________</td>
</tr>
<tr>
<td>Romance</td>
<td>__________</td>
</tr>
<tr>
<td>Drama</td>
<td>__________</td>
</tr>
<tr>
<td>Total</td>
<td>__________</td>
</tr>
</tbody>
</table>

1) If 200 students were surveyed how many students chose each topping as their favorite?

- **Pepperoni**
- **Cheese**
- **Sausage**
- **Supreme**

2) If 26 students chose supreme how many students chose each of the other toppings?

- **Pepperoni**
- **Cheese**
- **Sausage**
- **Supreme**

3) If 30 students chose cheese how many students chose each of the other toppings?

- **Pepperoni**
- **Supreme**
- **Sausage**
1) If 180 people were surveyed how many people chose each type of ice cream?
- vanilla _______
- chocolate _______
- strawberry _______
- mint cc _______

2) If 250 people were surveyed how many people chose each type of ice cream?
- vanilla _______
- chocolate _______
- strawberry _______
- mint cc _______

3) If 400 people were surveyed how many people chose each type of ice cream?
- vanilla _______
- chocolate _______
- strawberry _______
- mint cc _______

4) If 85 people chose vanilla or strawberry, how many were surveyed? _______

1) How many students chose each sport?
- Soccer _______
- Baseball _______
- Basketball _______
- Gymnastics _______

Hint: 35% of 180
\[0.35 \times 180\]