

Name _____

Pie Builder Answer Key

1. Field Day: 40%, 144°
 2. School Dance: 25%, 90°
 3. Talent Show: 20%, 72°
 4. Science Fair: 15%, 54°
- Check: 100%, 360°

Teacher's Guide

- Quick implementation: Review that a complete circle contains 360° and represents 100% of the data.
- Differentiation: Let students calculate all percentages before moving on to sector angles.
- Engagement: Have students estimate which sector will be largest and smallest before constructing the graph.
- Extension: Ask students to verify that their four sector angles total 360° and explain why this must be true.