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Circle Graphs
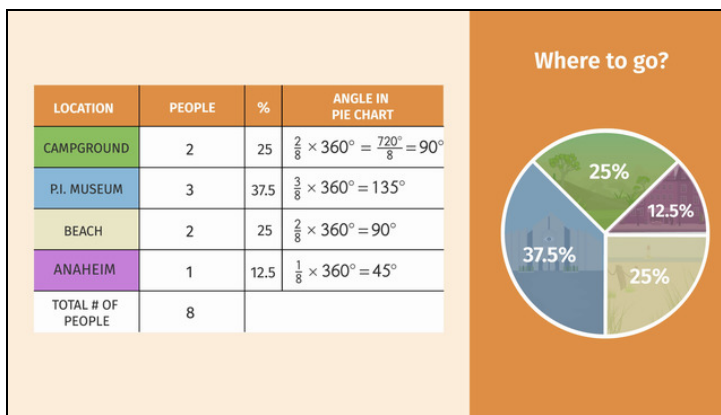
1 **Find the right circle graph.**

2 Explain how to draw a circle graph.

3 Label the circle graph.

4 Determine the angles for the circle graph.

5 Interpret the circle graph.

6 Decide which circle graph corresponds to each table.

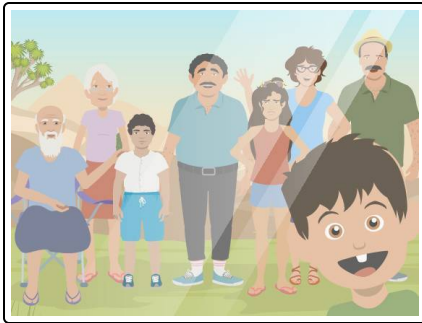**+** with lots of tips, answer keys, and detailed answer explanations for all of the problems.

⚠ The complete package, **including all problems, hints, answers, and detailed answer explanations** is available for all sofatutor.com subscribers.
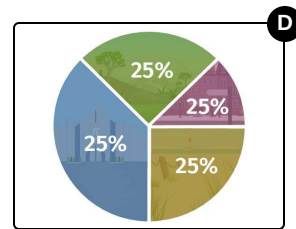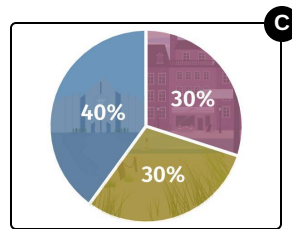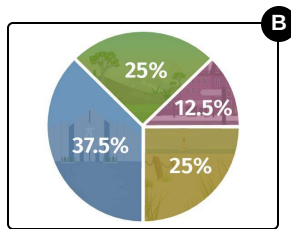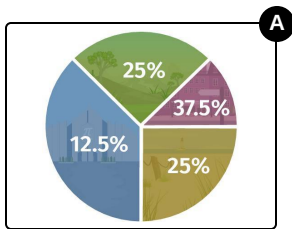
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Find the right circle graph.

Choose the correct image.

The Griswald family has to decide which destination they want to go to: Campground, P.I. Museum, Beach, Anaheim.

- 25% decide to go to Campground
- 37.5% to the P.I. Museum
- 25% to the Beach
- 12.5% to Anaheim

A
25% · 37.5% · 12.5% · 25%

B
25% · 12.5% · 37.5% · 25%

C
30% · 40% · 30%

D
25% · 25% · 25% · 25%

Hints for solving these problems

Find the right circle graph.

Hint #1

Pay attention to the number of sectors. There are four different destinations.

Hint #2

Keep the relations in mind; the sector corresponding to the highest percent number must be the biggest one.

Hint #3

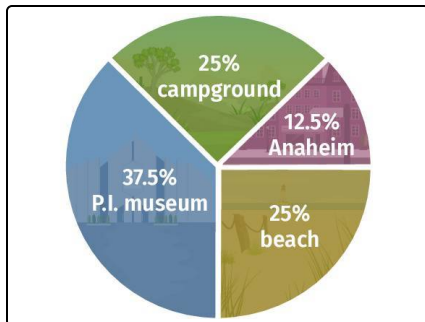Because $12.5\% < 37.5\%$ you must have the same order for the corresponding sectors.

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Answers and detailed answer explanations for these problems

1 of 6   Find the right circle graph.

Answer key: B

On the right side of the picture beside you see the resulting circle graph, also known as pie graph.

How can you decide which one matches with the given problem?
- Check the number of sectors. Because there are 4 destinations there must be also 4 sectors.
- You can see the percent numbers. Those have to correspond to the sectors. 25% stands for a quarter circle. The sector to 37.5% must be bigger and this one to 12.5% smaller.