

Mathematics Work Sample Task

CU	PS	V	C	A

**Directions:**

Be sure to identify the answer.  
Show the work you did to get the answer, and the review of your concepts, strategies & calculations.

---

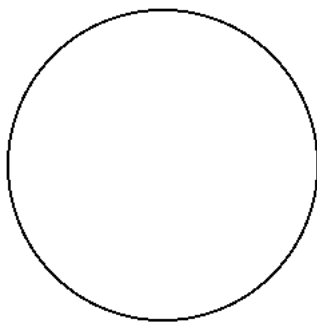
Elaine's class surveyed all the students in her school about cafeteria lunch offerings. They asked the students to pick their favorite lunch menu from the following menus:

- Menus
- Menu A
- Menu B
- Menu C
- Menu D

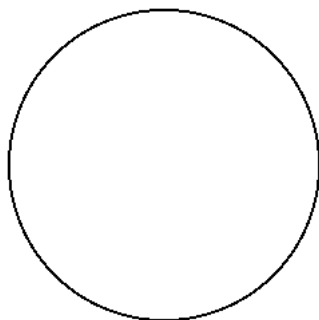
The results of the survey are as follows:

Menu A – 15%      Menu B – 25%      Menu C – 30%      Menu D – 30%

Draw a circle graph to represent the results.



After four months, Elaine's class repeated the survey. They noticed that menu A increased by 10%, and menu D decreased by 10%. Based on your first circle graph, draw a second circle graph showing the results of the second survey.



On the lines below, explain how you made changes to the first graph to create your second graph.

---

---

---

Solution to Work Sample Task

It will take 14 days to earn \$3.50