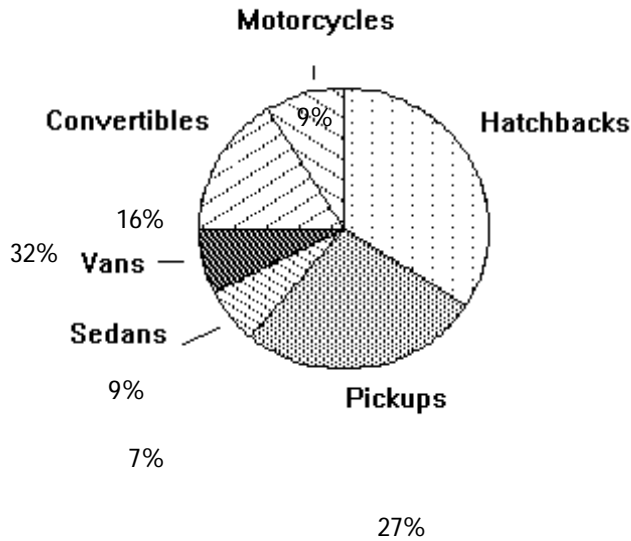


Sec 7.4 Circle Graphs

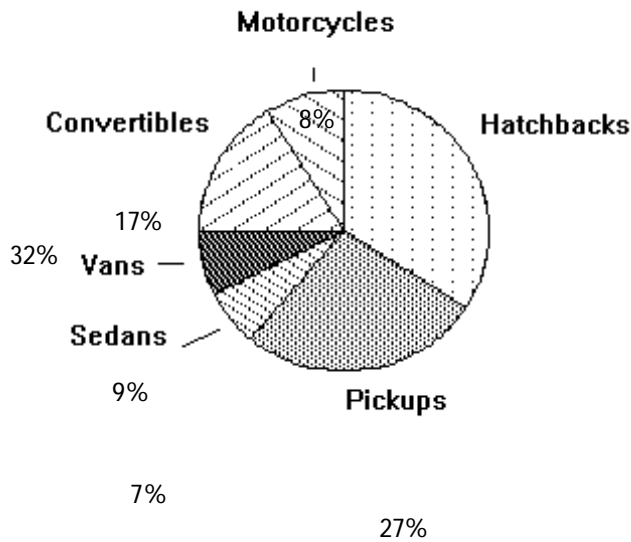
Use the circle graph to solve the problem.

- 1) A survey of the 8088 vehicles on the campus of State University yielded the following circle graph.



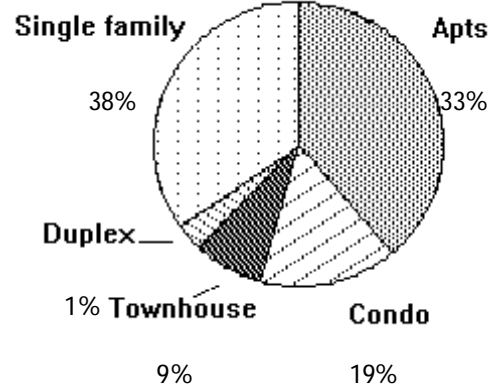
What percent of the vehicles are hatchbacks?

- 2) A survey of the 9682 vehicles on the campus of State University yielded the following circle graph.



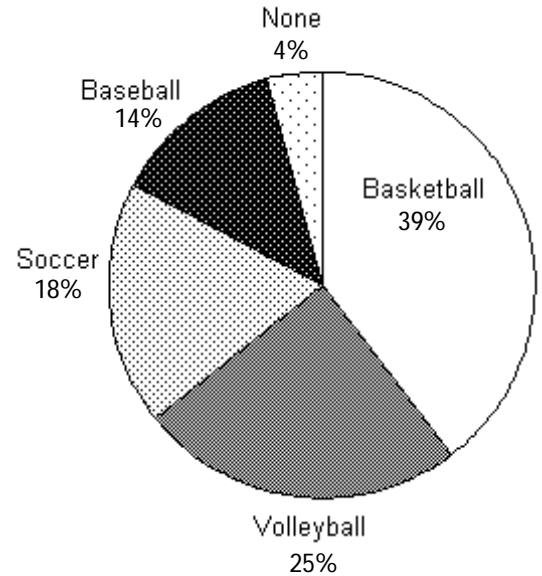
Together, what percent of the vehicles are either vans or convertibles?

- 3) The circle graph shows the percent of the total population of 57,200 of Springfield living in the given types of housing.



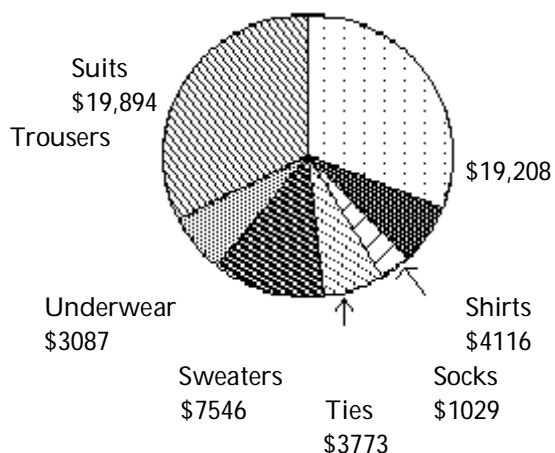
Find the number of people who live in duplexes. Round your result to the nearest whole number.

- 4) There are 22,000 students attending the local university. The circle graph shows the percentage of those students who attend different sporting events.



What percentage of students do not attend Soccer or Volleyball matches?

5) The circle graph below gives the inventory of the men's department of a store.

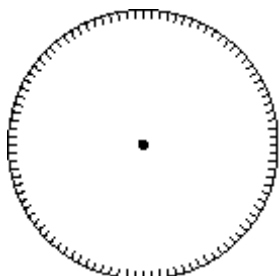


What is the total inventory?

Use the information to complete a circle graph. Note that the circle is divided into 100 equal sections.

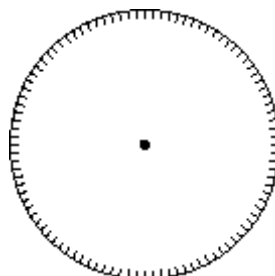
6) Intended major of high school students:

Science:	32%
Social Science:	8%
Humanities:	20%
Business:	16%
Other:	24%



7) Main form of exercise for employees of one company:

None:	30%
Walking:	18%
Running:	4%
Golf:	11%
Weight Training:	26%
Other:	11%



8) Favorite subjects studied by students of one school:

None:	30%
English:	16%
History:	5%
Biology:	13%
Math:	24%
Other:	12%

