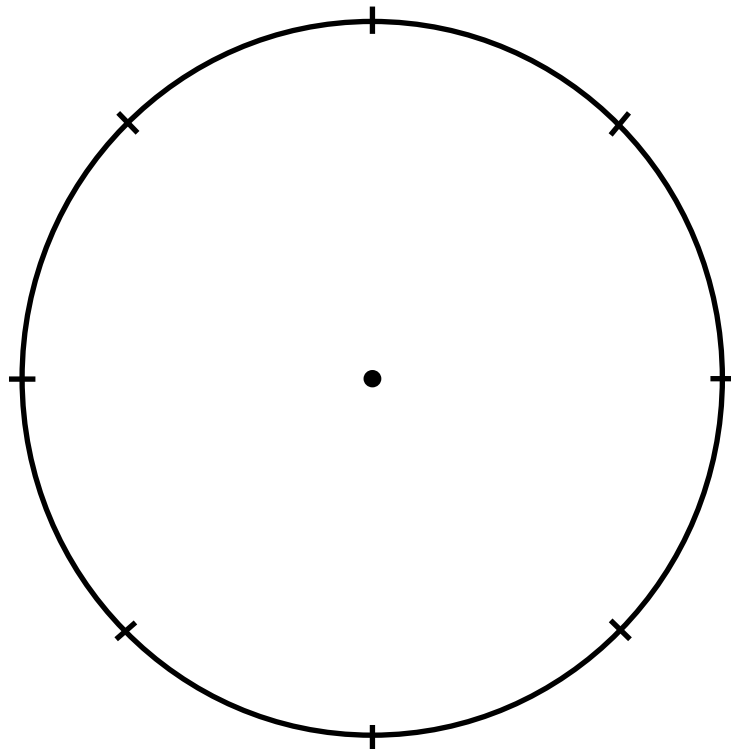




Recycled materials circle graph

Data and Graphing Worksheet

The data shows the recycled materials collected by the students. Construct a circle graph and answer the questions below.



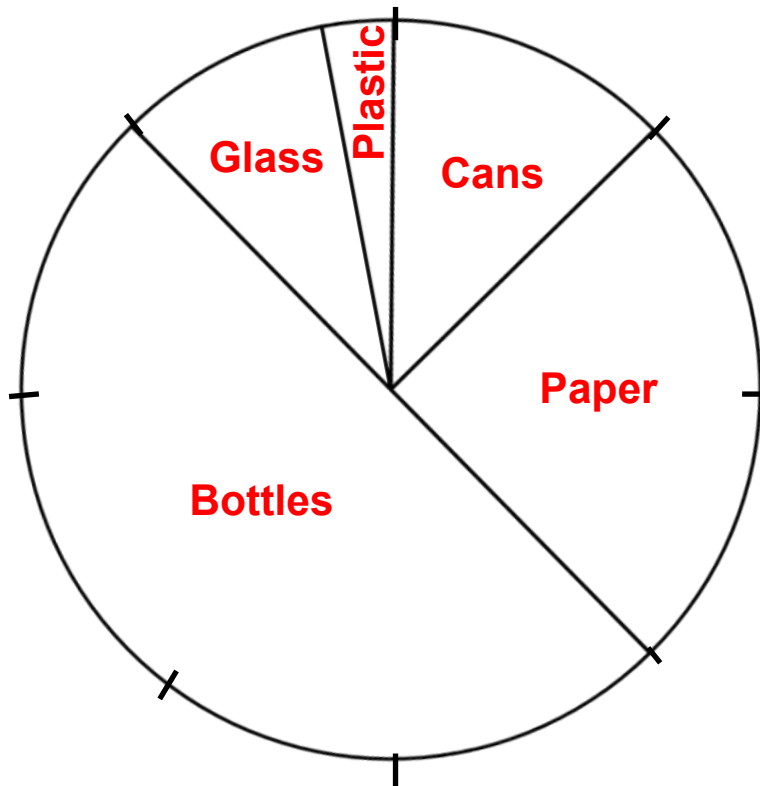
Recycled material	Number of items
Paper	40
Plastic	5
Cans	20
Bottles	80
Glass	15



- Which material did they collect the most? _____
- Which material did they collect the least? _____
- What fraction of the number of items collected are bottles? _____
- What fraction of the total collection are cans? _____
- Which material is about one-quarter of the total collection? _____



Answers



Recycled	Number
Paper	40
Plastic	5
Cans	20
Bottles	80
Glass	15



Which material did they collect the most?

Bottles

Which material did they collect the least?

Plastic

What fraction of the number of items collected are bottles?

$\frac{1}{2}$

What fraction of the total collection are cans?

$\frac{1}{8}$

Which material is about one-quarter of the total collection?

Paper