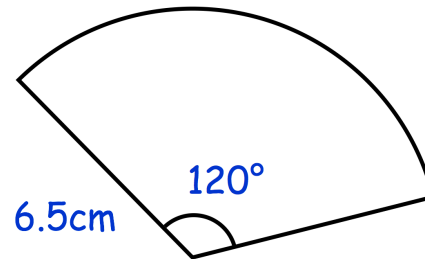




Solve  $(x + 1)(x + 12) = 0$

Calculate the perimeter of the sector.



150 students in Years 10 and 11 visit a school canteen.

Some students have packed lunches.  
Some students have a cooked lunch.

56 out of the 89 students who have packed lunch are in Year 10.  
There are 72 Year 11 students.

Work out how many Year 10 students have a cooked lunch.

In a sale, a shop reduces all its prices by 30%.  
On the last day of the sale, the shop reduces the sale prices by 10%

On the last day of the sale, a mobile phone costs £516.60

How much was the mobile phone before the sale?