

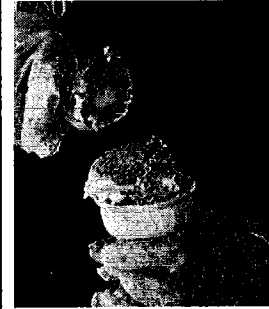
AM 3<sup>rd</sup>  
9/29/17

## ICE CREAM

You are planning to make and sell ice creams at a school sports event.

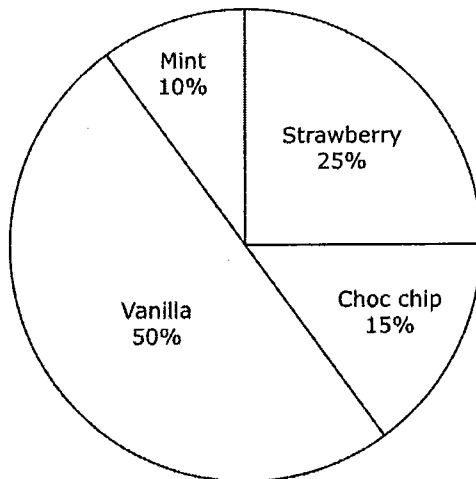
You expect to make and sell 300 ice creams.

You buy ice cream in 1 litre tubs. Each tub costs \$2.  
You can fill ten cones from each tub.  
Each empty cone costs 5¢  
You plan to sell each filled cone for 80¢.



Before buying the ice cream, you survey 60 people to find out what flavours they like. Here are the results of the survey:

**Favourite flavours**



1. Work out the quantities you need to buy and their costs.
2. How much profit do you expect to make on the day?

Show all your reasoning clearly.