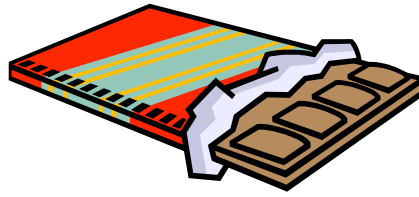


## CANDY BARS



A group of friends are planning to sell candy bars at the school shop.

They conduct a small survey among 30 people, asking the question:

How many candy bars do you eat in a typical week ?

Here are their results:

Male 1 bar	Female 4 bars	Male 5 bars	Female 1 bar	Male 2 bars	Male 25 bars
Male 13 bars	Female 0 bars	Male 2 bars	Male 9 bars	Male 6 bars	Female 16 bars
Female 14 bars	Male 10 bars	Male 19 bars	Male 11 bars	Female 1 bar	Male 0 bars
Male 1 bar	Male 3 bars	Female 10 bars	Male 25 bars	Female 16 bars	Male 13 bars
Female 30 bars	Male 8 bars	Male 2 bars	Male 0 bars	Male 28 bars	Female 0 bars

1. Draw graphs or charts to compare the results for males and females.

2. Chris says:

“ We have found that the total number of bars eaten by all the males is 183, and the total number eaten by all the females is 92. In general, this means that men eat more candy than women.”

(a) Give two reasons why Chris is wrong in his reasoning.

(b) Write down **one** conclusion (comparing males and females) that is supported by the data. Show any work you do.