

Problem of the Week

Problem D

Full of Beans

Canada celebrates its birthday every July 1st on Canada Day. The colours red and white, the colours on the Canadian flag, are seen everywhere.

In honour of Canada Day, a company produced a jumbo bag of candy containing only red and white jelly beans in the ratio 14:11 respectively.

Khan Di loves jelly beans and purchased one of the special packages of candy. He decided to make the candy last as long as possible by eating exactly four red jelly beans and three white jelly beans each day. Finally one day he ate the last four red jelly beans along with three white jelly beans leaving three white jelly beans in the bag.

How many candies were in the original bag of red and white jelly beans?

