

How many snowballs can be made from all of the playground snow?



First we worked out the area of the playground which was 561.67m^2 .

Meanwhile 3 other people from the group measured a metre square of snow. Then they



divided the square by 4 and started making snowballs in the quarter area.

They managed to make 32 snowballs which they x by 4 to make the full metre square. They calculated 32×4 to

make 128 snowballs.

Next we multiplied 128 snowballs by the area which was 561.67m^2 .

We found out that we could make 71,893.76 snowballs.

After this one of us went away to find out the weight of all the snow on the playground.

He put the 32 snowballs into a bowl and weighed them.

They weighed 1.408 kg altogether and we managed to calculate the weight of 1 snowball. It weighed 0.044kg. We then x this by 71,893.76 because of the amount of snowballs. The answer to this sum

was 3,163.33kg.

So there is 71,893.76 snowballs and they weigh

3,163.33kg. By Nathan, Howard, Steven, Lucy.E and Steph.

