

**Helping out in the kitchen...
The broad beans challenges**

Mandy and Jenny like helping dad in the kitchen.

Today they are snapping broad beans pods to collect the beans.

Dad gives each daughter, 3 pods to snap.

After snapping the pods, each child had more than 9 broad beans each.



They all put the beans in one bowl and there are 33 beans in all.

How many combinations of two sets of beans can you find?

Answer: 10 + 23,

11 + 22,

12 + 21,

13 + 20,

14 + 19,

15 + 18,

16 + 17

Their brother Jason takes up to 20 beans from the bowl.

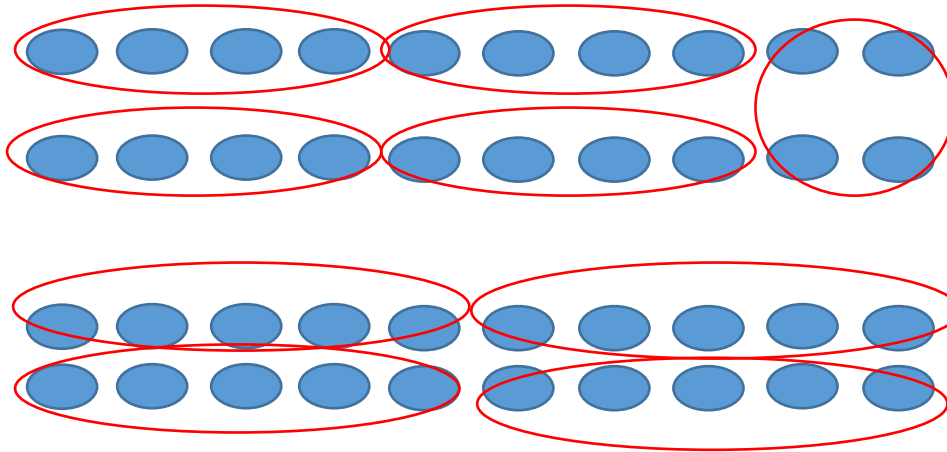
He groups his beans in fours and he has 3 left over.

He groups his beans in fives and he has 4 left over.

How many beans does Jason have?

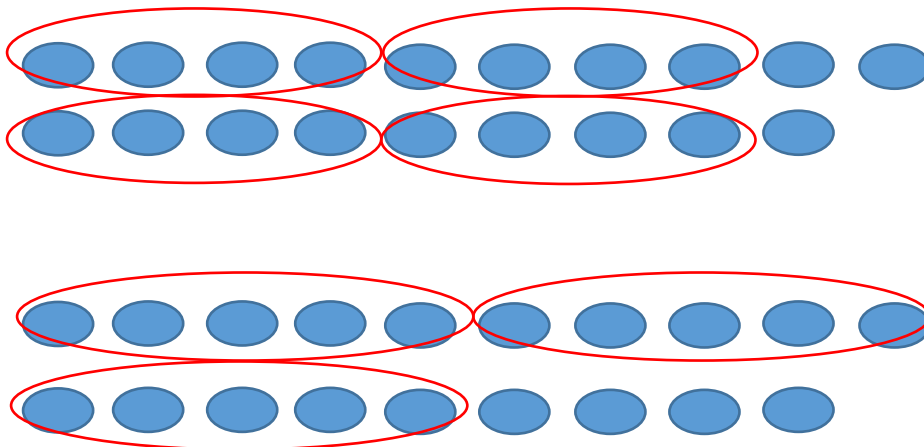


First try with 20 beads



Clues **DO NOT**
match

Let's try 19 beans



Clues match
So Jason has **20 beans**