

5 Bags A, B and C each contain some carrots.

- There are a total of 863 carrots.
- The ratio of the number of carrots in bag B to the number of carrots in bag C is 4 : 3
- $\frac{1}{3}$ of the carrots are removed from bag A and bag C.
- There are now 674 carrots.

How many carrots were in bag A at the start?

