

THREE CYCLISTS (Answer)

A team of three cyclists takes part in a race.

The cyclists Jan, Kim and Ryan do the distance in the ratio 7:3:4.

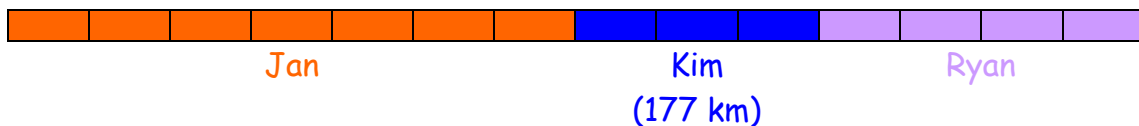
Kim cycles 177 km.

a) How far does Jan cycle?

b) How far is the race?



The number of parts in the ratio is: $7 + 3 + 4 = 14$



Kim cycles 3 parts, so 1 part will be $177 \div 3 = \underline{59 \text{ km}}$

a) Jan cycles 7 parts in the ratio, so Jan cycles $59 \times 7 = \underline{413 \text{ km}}$

b) The whole distance is $59 \times 14 = \underline{826 \text{ km}}$