

13th October 2011.

THREE CYCLISTS

A team of three cyclists takes part in a race.
 The cyclist Jan, Kim, Ryan do the distance in the ratio 7:3:4.
 Kim cycles 177 Km.

- a. How far does Jan cycle? 413 Km.
 b. How far is the race? 826 Km.

$$\begin{array}{r} a. \quad 3 \text{ --- } 177 \text{ Km.} \\ \quad 7 \text{ --- } x \\ \quad x = 413 \text{ Km.} \end{array}$$

$$\begin{array}{r} b. \quad 3 \text{ --- } 177 \\ \quad 4 \text{ --- } x \\ \quad x = 236 \text{ Km.} \end{array}$$

$$413 + 236 + 177 = 826 \text{ Km.}$$