

Wheels Galore

You need ☒ a classmate

Activity

Rīpeka's family are off to the Karapoti bike races in the Akatarawa forest.



There are races for mountain bikes, tandems (a bike with seats and pedals for 2 riders), and even unicycles (a singled-wheeled cycle).

1. At the starting line for her brother's mountain bike race, Rīpeka counts 39 racers. How many wheels are there?
2. Rīpeka counts 23 riders and a total of 14 mountain bikes and tandems in a group. How many tandems are there?
3. In a group of tandems and unicycles, Rīpeka counts 10 riders and half as many unicycles as tandems. How many tandems are there?
4. At the end of the day, Rīpeka's mum loads 4 very muddy mountain bikes and Tōmai's tricycle onto the trailer, and the family drive home. How many wheels are heading for home with Rīpeka's family? (Don't include spare wheels.)
5. Make up some problems for a classmate to solve. You need to decide how many mountain bikes, tandems, and unicycles there are and work out the number of wheels and people. Make sure you know the answers to your problems!