



Solution

First we will give the answer, and then an explanation as to how we arrived at the answer.

- Farrah is 25 years old, rode the green bike, and finished first.
- Albine is 21 years old, rode the red bike, and finished second.
- Jasna is 29 years old, rode the white bike, and finished third.
- Nuan is 18 years old, rode the black bike, and finished fourth.
- Terese is 26 years old, rode the blue bike, and finished fifth.

There are many different ways to arrive at the answer above. You may have used the table provided to keep track of matches that were confirmed or deemed impossible while examining and combining the different clues. Below we present an explanation in words only. It may be helpful to follow along by filling in the table as you read the explanation.

From clues 2 and 4, Jasna rode the white bike, finished third, and is 29 years old. Clue 4 also tells us that the 18-year old rode the black bike and finished fourth.

From clue 3, Nuan and the person who rode the red bike must be either 18 and 21 years old, or 26 and 29 years old. However, from clue 1, we know Nuan is not 26 years old. It follows that Nuan must be 18 years old and the person who rode the red bike must be 21 years old. That means Nuan is the person who finished fourth and rode the black bike.

From clue 5, Terese finished fifth. It follows from clue 1 that Terese is 26 years old since she did not finish first or ride the white bike.

The people who finished first and second must therefore be 25 and 21 years old, in some order. It follows from clue 5 that the 25-year old must have finished first, followed by the 21-year old, who we already determined rode the red bike. Clue 5 also tells us the person who finished first rode a green bike. It follows that Terese rode a blue bike.

From clue 1, Albine did not finish first, so that means she finished second, and Farrah finished first.