

Cars, Bikes, and Trikes

A toy factory makes bicycles, tricycles, and cars. They make only one type of toy every day. One day they make bikes, another day they make tricycles, and the next day they make cars.

1. If the factory used 52 wheels, which toy did they make? Did they make cars, tricycles, or bicycles?
2. Explain why it is possible to have two answers to this problem.
3. Identify two other amounts of wheels that would allow you to make two different toys on the same day.

Source: Task created by the University of Pittsburgh Institute for Learning (2009).