

Lake Inari's Reindeer Race

Finland



For at least 5,000 years, the Sami people have made a living from herding reindeer. In fact, reindeer herding is such an integral part of their culture that some other Scandinavian countries have protected it by law. The most common form of this contest places one skier behind one reindeer. These reindeer are usually males selected the previous autumn for their speed potential and competitiveness. The fastest reindeer can reach speeds of up to 35 miles per hour. The world record 12-meter reindeer sprint stands at 14.96 seconds, which requires a spectator to pay close attention so as not to miss it.

Becky, a world traveler from North Carolina, came to watch this popular race with her Finnish friend Jenni. Becky is very curious about the Inari race and has a lot of questions during the race. Help Jenni figure out the following....

1. Becky asked her friend Jenni, "*If the fastest reindeer can run at 35 miles per hour, at how many kilometers per hour can they run?*"

Conversions

1 mile = _____ kilometers

1 kilometer = _____ miles

2. After watching the world record being set, Becky wondered, “*If the world record reindeer sprint is 12 meters in 14.96 seconds, how many mph did that reindeer go?*”

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| <p>Conversions</p> <p>1 mile = _____ meters</p> <p>1 meter = _____ mile</p> <p>1 minute = _____ seconds</p> <p>1 hour = _____ minutes or _____ seconds</p> |
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3. The race finished and then Becky asked Jenni, “*If the prize money totals \$12,000, and the winning reindeer/jockey team receives 80 percent of that, how much money will the team win?*”