Problem of the Week

Problem B

A Cool Trip

In 1911, the Norwegian explorer Roald Amundsen and his four companions were the first persons to travel to the South Pole. They spent 3 days at the Pole, plus 99 days travelling from their base camp to the Pole and back.

a) The trip from the Pole back to the base camp took 39 days. How many days did the trip from the base camp to the Pole take?

b) On the trip from the Pole back to the base camp, they averaged 30.4 km per day. How far was the base camp from the Pole?

c) What was their average speed (in km per day) on the trip from the base camp to the Pole?