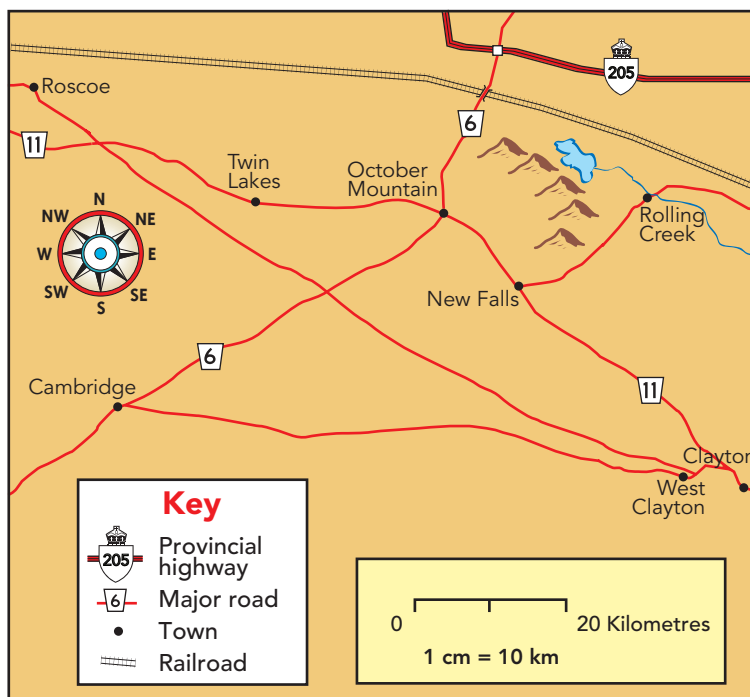




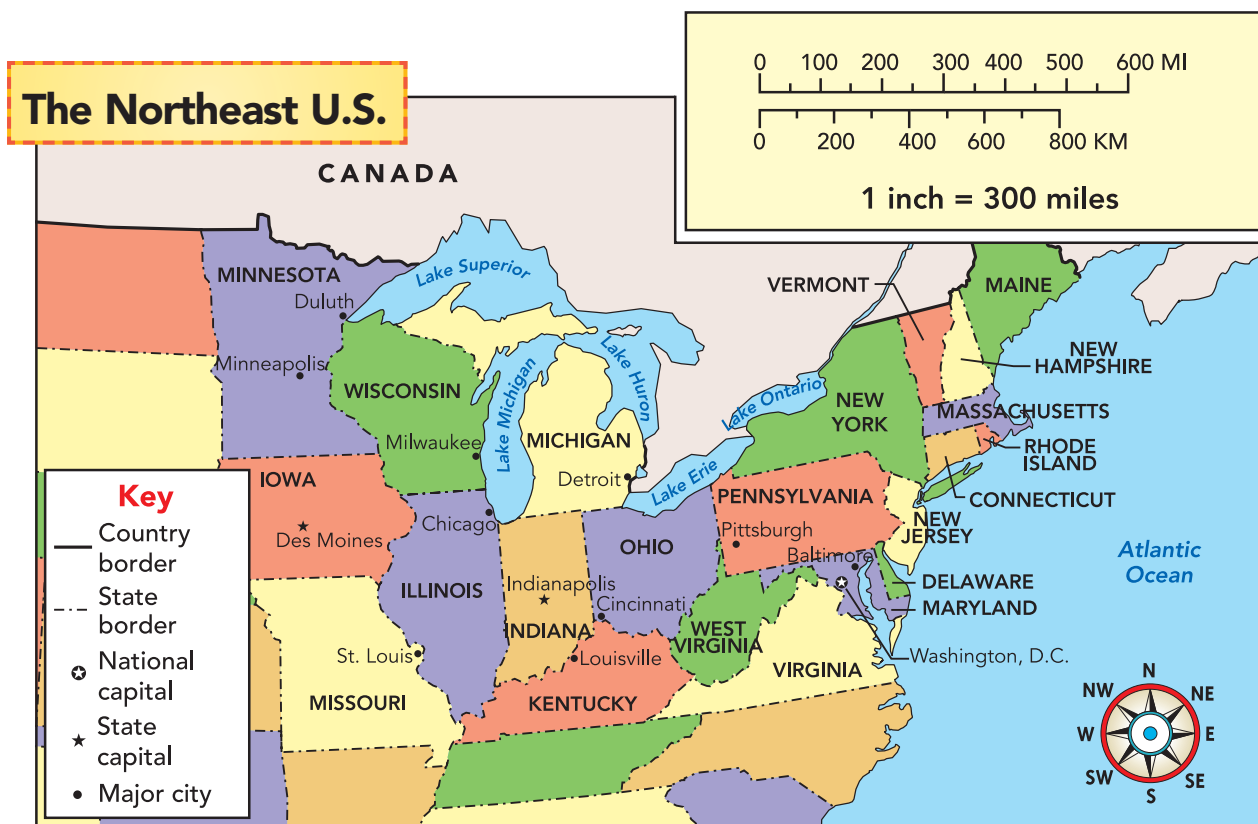
## Using a Map Scale

**W**hen you are travelling, it is useful to know how far you have to go. To show distances accurately on a map, mapmakers use a **scale**. A map scale helps you measure distance on a map. Look at the scale on this map. It shows that 1 centimetre equals 10 kilometres. That means that 1 centimetrs on the map stands for 10 kilometres on Earth.



**Use a ruler to measure distances on the map.**  
**Circle the correct answers.**

- From Twin Lakes to October Mountain, it is about \_\_\_\_\_.
  - 25 kilometres
  - 50 kilometres
  - 80 kilometres
- Between Clayton and New Falls there are \_\_\_\_\_.
  - 4 kilometres
  - 40 kilometres
  - 60 kilometres
- The distance from Cambridge to West Clayton is \_\_\_\_\_.
  - 30 kilometres
  - 75 kilometres
  - 85 kilometres
- The distance between Roscoe and West Clayton is \_\_\_\_\_.
  - 90 kilometres
  - 30 kilometres
  - 100 kilometres



**A** map scale usually shows distance in both miles and kilometres. A kilometre is a measurement in the metric system. A mile is a longer distance than a kilometre. On this map scale you can see that 300 miles is a longer distance than 400 kilometres. Notice that the abbreviation for miles is MI and the abbreviation for kilometres is KM. Use the map to answer these questions.

5. How many miles does one inch represent on this map? \_\_\_\_\_
6. How many miles is it from St. Louis to Cincinnati? \_\_\_\_\_  
About how many kilometres is this? \_\_\_\_\_
7. About how many miles is it from Milwaukee to Pittsburgh? \_\_\_\_\_
8. How many kilometres is it between Minneapolis and Des Moines? \_\_\_\_\_
9. About how many kilometres is it from Indianapolis to Washington, D.C.? \_\_\_\_\_