

## GLORIA'S WORLD TOUR



Gloria is planning a trip all over the world for her vacation. She will start her trip in New York City, New York. From there she will fly to Madrid, Spain, to visit her family. After that she will fly to Beijing, China to see the Great Wall of China. Next, she will fly to Sydney, Australia to go scuba diving in the Great Barrier Reef. Then she will fly to Cape Town, South Africa for a safari tour. Her last stop will be in Santiago, Chile to view the beautiful historical buildings and museums, before returning to New York City.

While Gloria is in Sydney, she plans to take a boat trip north to Cairns and back, where she will go scuba diving. The boat trip is approximately 100 hours each way. Gloria is very excited about her trip. She can't wait to see so many exotic places and take lots of pictures.

Measure each flight path to the nearest  $\frac{1}{4}$  inch and then use the map scale to estimate these flight distances:

New York City to Madrid: \_\_\_\_\_

Madrid to Beijing: \_\_\_\_\_

Beijing to Sydney: \_\_\_\_\_

Sydney to Cape Town: \_\_\_\_\_

Cape Town to Santiago: \_\_\_\_\_

Santiago to New York City: \_\_\_\_\_

What is the total distance Gloria will fly during her trip? \_\_\_\_\_

How much longer is Gloria's longest flight than her shortest flight? \_\_\_\_\_

Calculate the total distance that the boat travels from Sydney to Cairns and back if the average speed of the boat is 15 miles per hour.

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