



TEACHER NOTES

‘Stadium Tour’ and ‘Stadium Tour Warm-up’

‘Stadium Tour Warm-Up’ is significantly easier than ‘Stadium Tour’ and can be used to help students get used to the type of task before trying ‘Stadium Tour’.

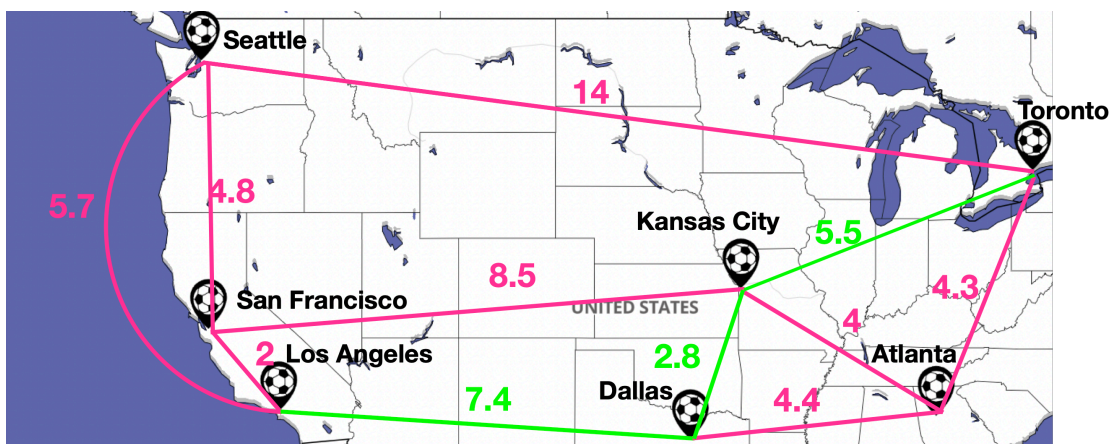
‘Maps’

The document ‘Maps’ provides students with multiple copies of the graphs / maps in ‘Stadium Tour’ and ‘Stadium Tour Warm-up’ so they can record lots of different routes visually.

Alternatively, you might suggest they record a route by just writing down the list of the stadiums visited, as below.

Solutions:

Stadium Tour Warm Up – Los Angeles to Toronto



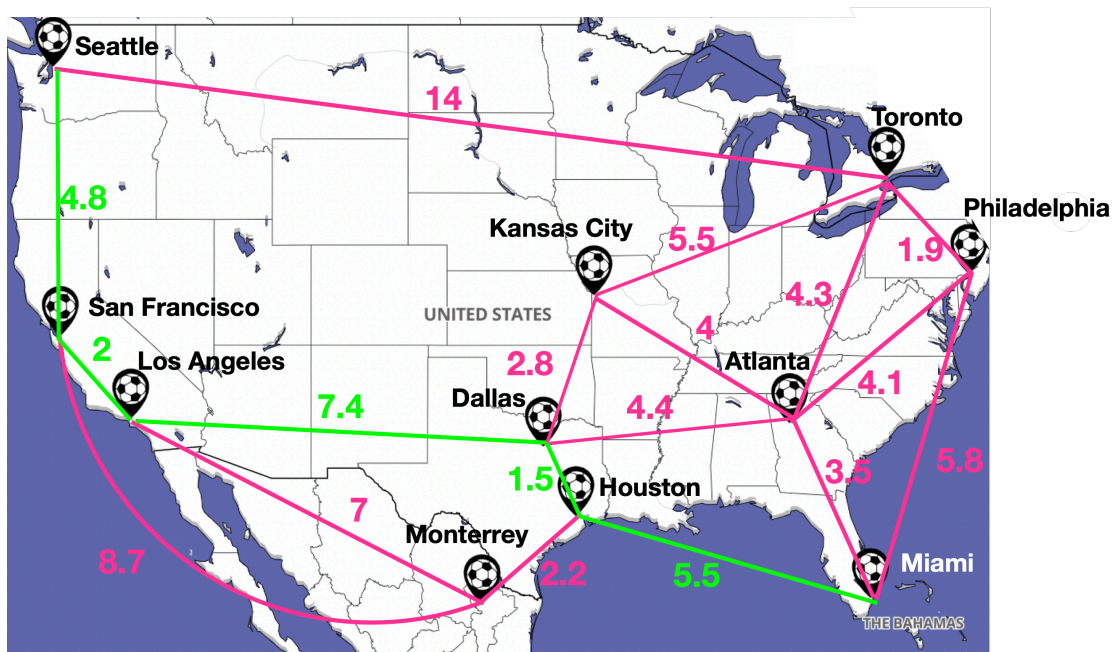
Via stadiums: Los Angeles, Dallas, Kansas City, Toronto
Length: 15.7

Challenge (shortest route to visit all stations between Los Angeles and Toronto):

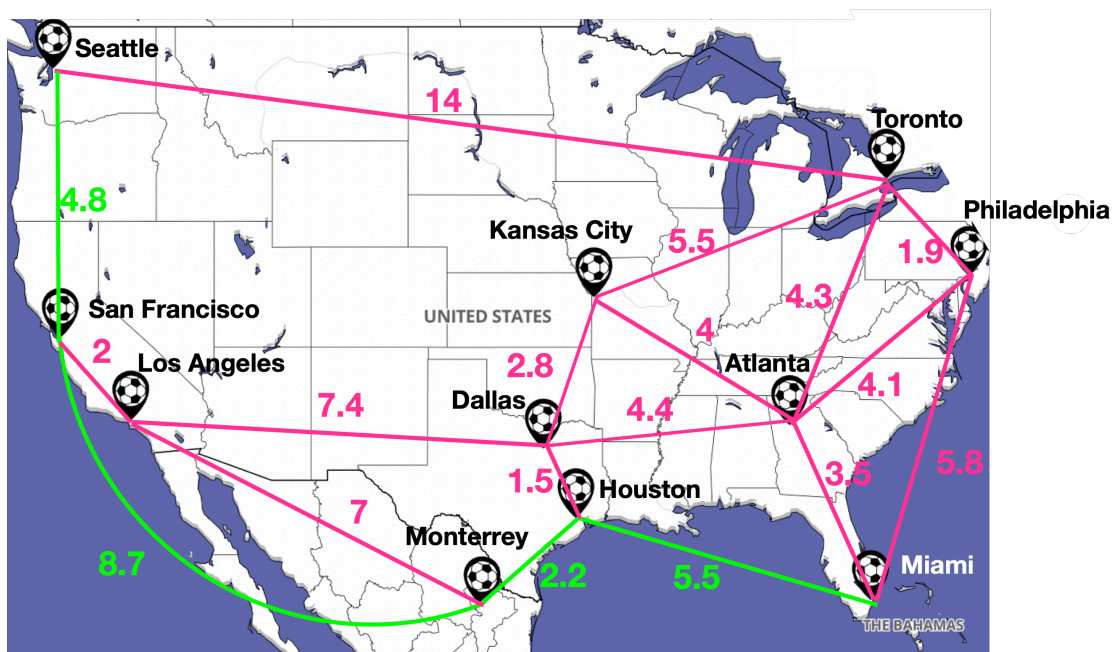
Via stadiums: Los Angeles, Seattle, San Francisco, Kansas City, Dallas, Atlanta, Toronto
Length: 30.5

Stadium Tour – Miami to Seattle

See the two shortest routes below.



Via stadiums: Miami, Houston, Dallas, Los Angeles, San Francisco, Seattle.



Via stadiums: Miami, Houston, Monterrey, San Francisco, Seattle.

Challenge (shortest route to visit all stations between Miami and Seattle):

Via stadiums: Miami, Atlanta, Philadelphia, Toronto, Kansas City, Dallas, Houston, Monterrey, Los Angeles, San Francisco, Seattle.

Length: 35.3