

Izidor Hafner

# Maps

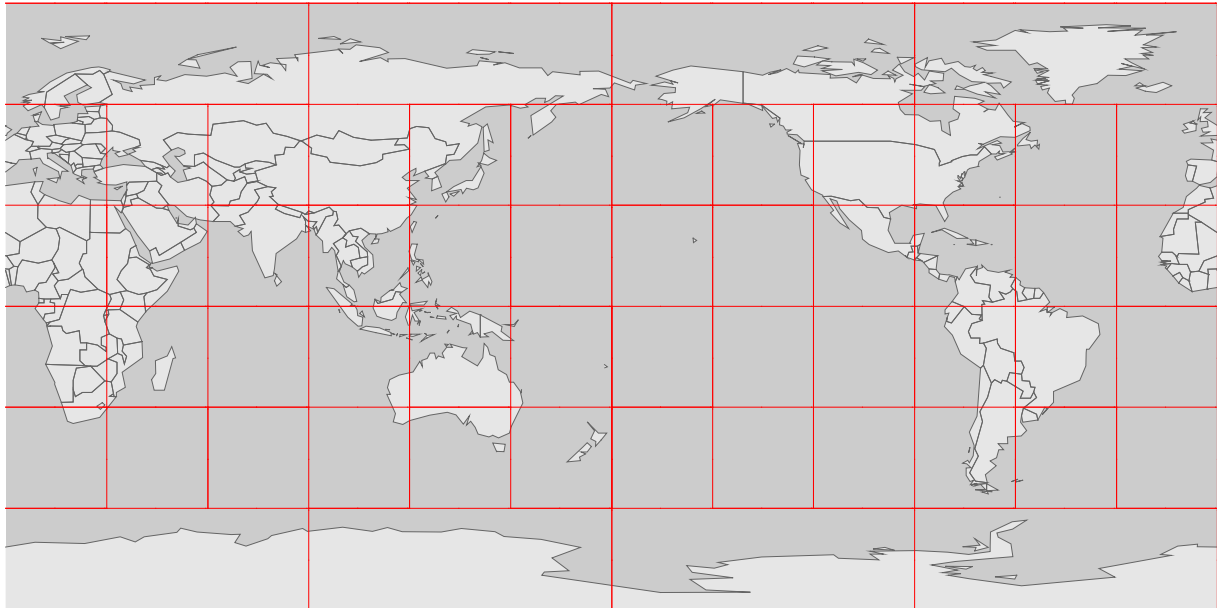
Latitude and Longitude

# Problems

1.

Mark the following 8 points in the map:

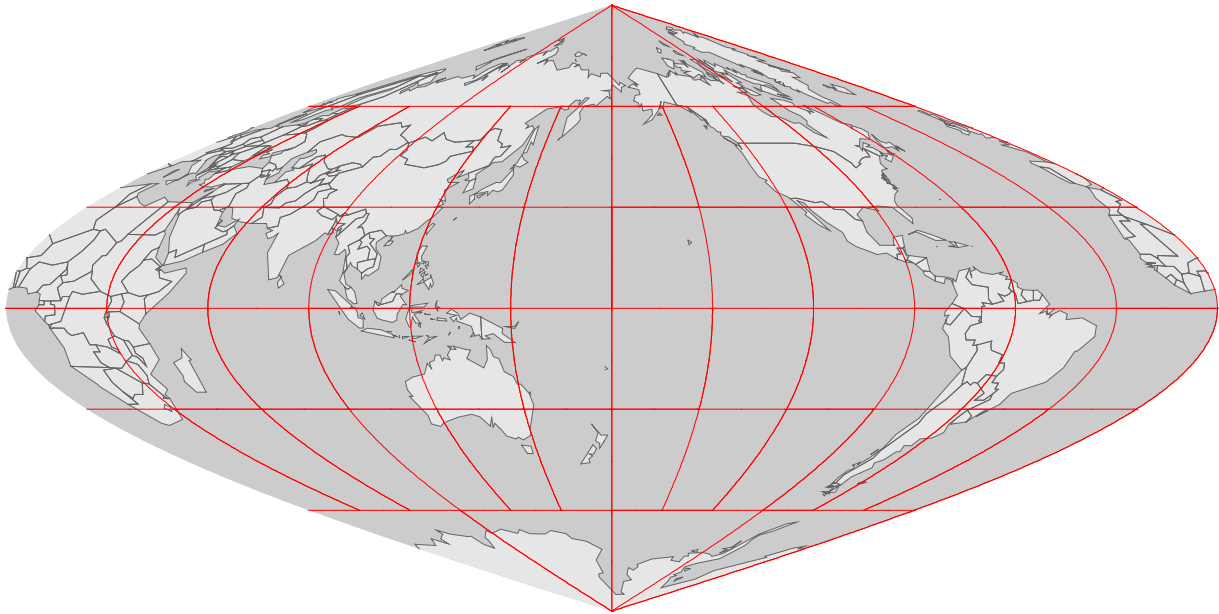
1. {51 N, 7 E}    2. {5 N, 52 W}    3. {9 S, 160 E}    4. {32 N, 35 E}  
5. {18 N, 77 W}    6. {4 N, 9 E}    7. {13 N, 2 E}    8. {17 N, 25 W}



2.

Mark the following 8 points in the map:

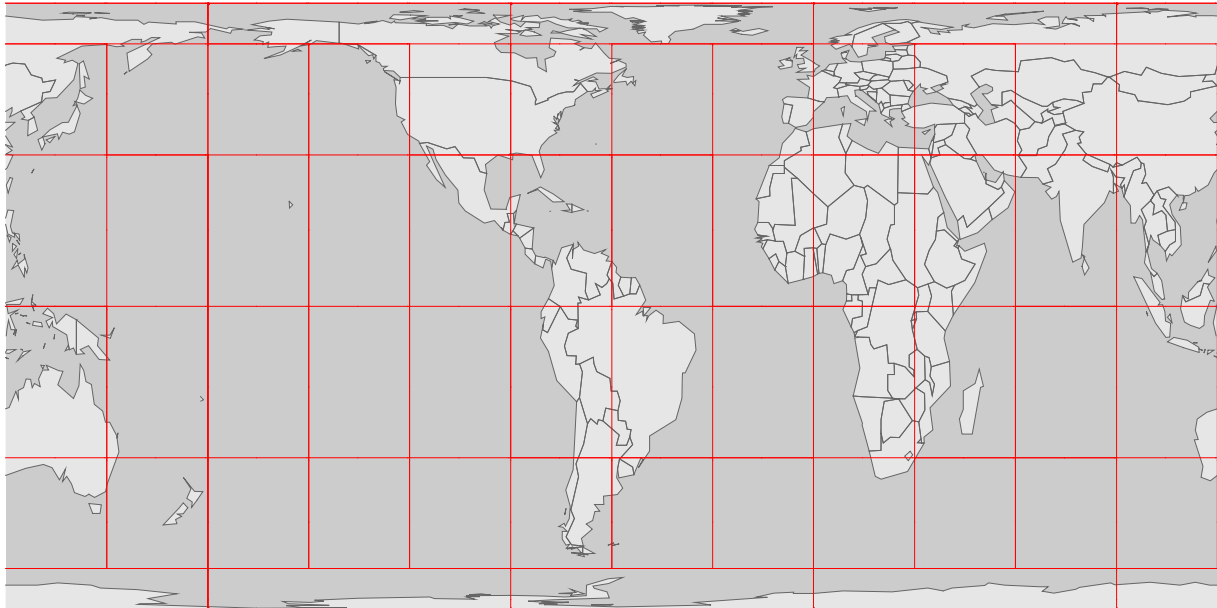
1. {51 N, 7 E}   2. {26 S, 33 E}   3. {34 N, 7 W}   4. {38 N, 127 E}  
5. {25 N, 122 E}   6. {41 N, 69 E}   7. {5 S, 56 E}   8. {42 N, 88 W}



3.

Mark the following 8 points in the map:

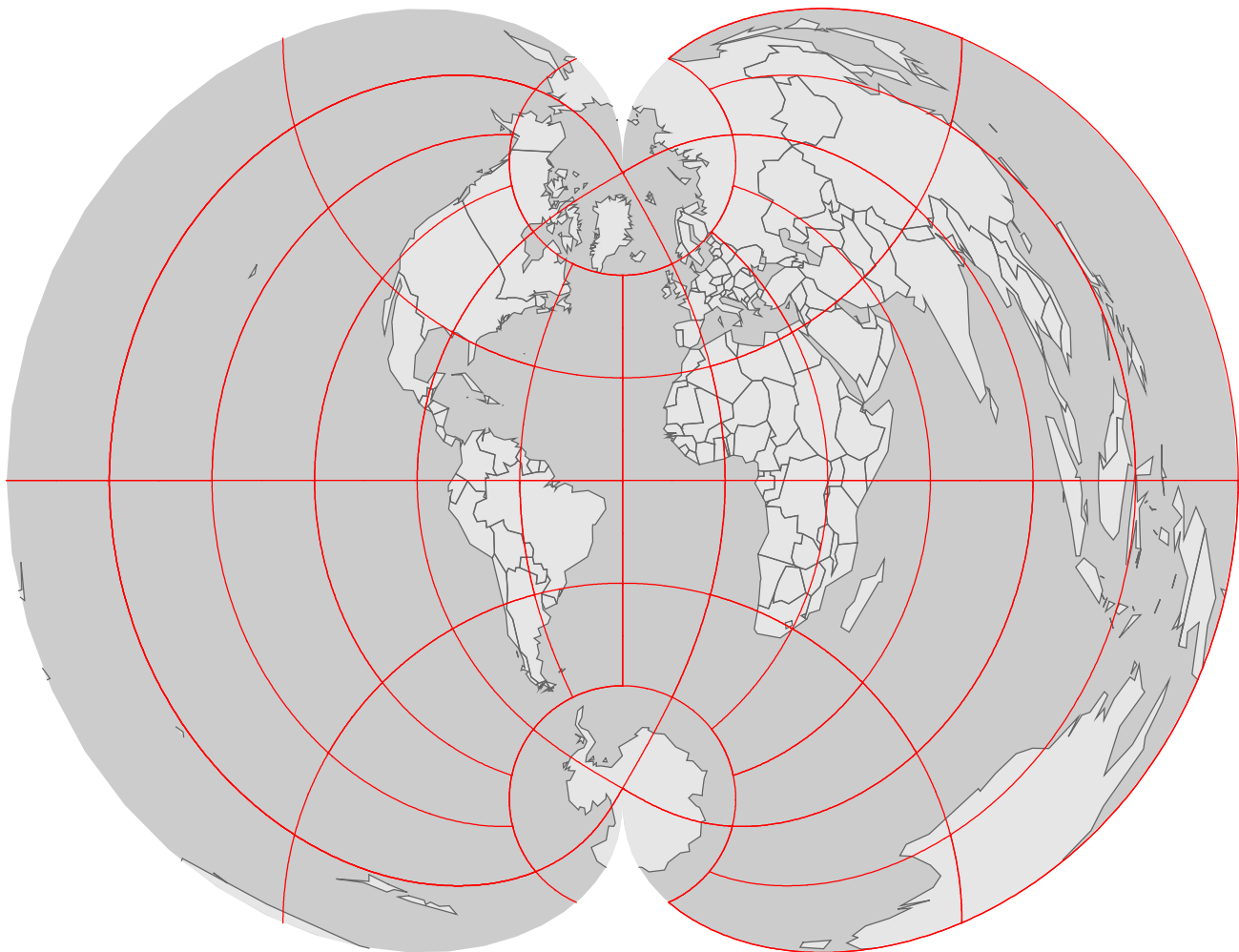
1. {7 N, 80 E}   2. {13 N, 61 W}   3. {7 N, 134 E}   4. {12 S, 77 W}  
5. {15 S, 28 E}   6. {15 N, 121 E}   7. {17 N, 96 E}   8. {40 N, 45 E}



4.

Mark the following 8 points in the map:

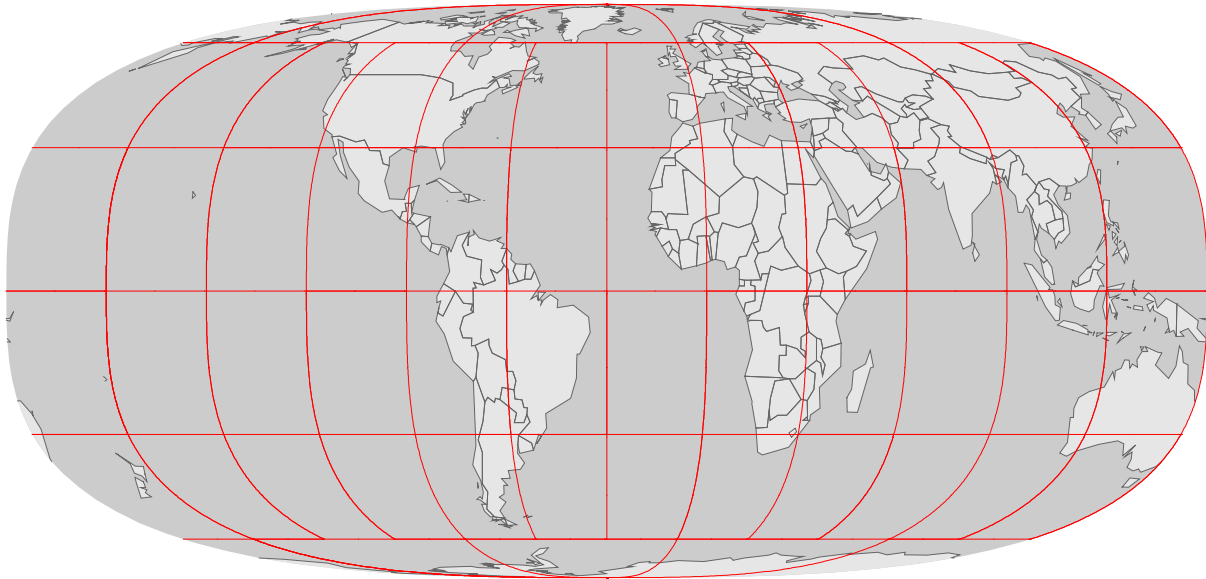
1. {32 N, 36 E}    2. {40 N, 50 E}    3. {9 S, 160 E}    4. {15 S, 28 E}  
5. {46 N, 74 W}    6. {20 S, 57 E}    7. {6 N, 3 E}    8. {15 N, 61 W}



5.

Mark the following 8 points in the map:

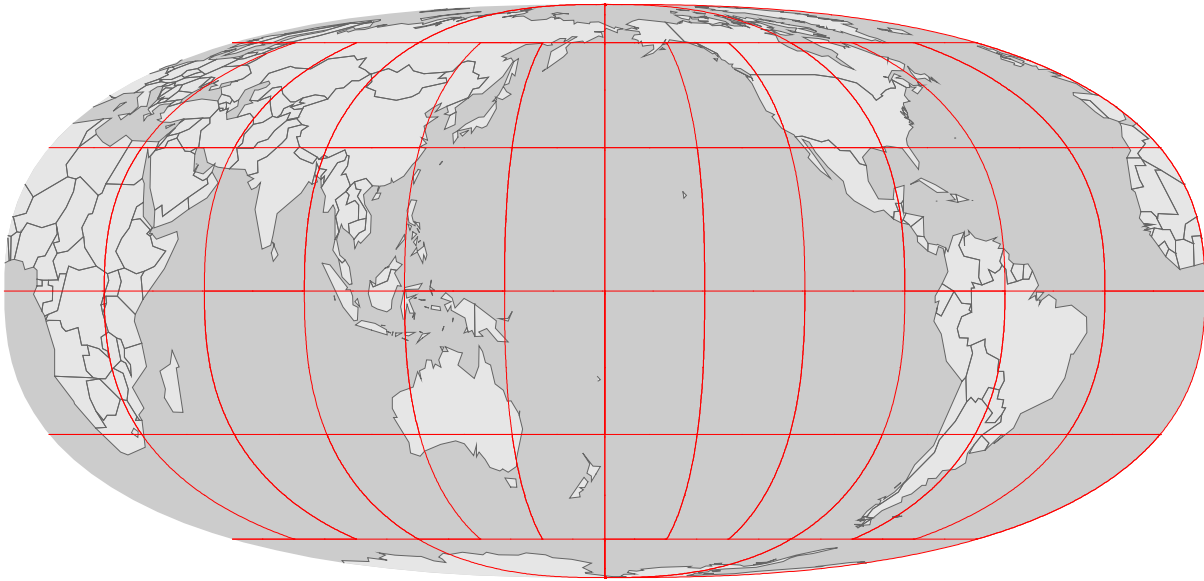
1. {40 N, 50 E}   2. {35 S, 149 E}   3. {10 N, 67 W}   4. {60 N, 25 E}  
5. {32 N, 35 E}   6. {5 N, 73 E}   7. {0 S, 7 E}   8. {21 S, 56 E}



6.

Mark the following 8 points in the map:

1. {10 N, 67 W}    2. {6 N, 3 E}    3. {6 N, 11 W}    4. {9 S, 172 W}  
5. {6 N, 55 W}    6. {11 N, 62 W}    7. {15 N, 44 E}    8. {39 N, 117 E}

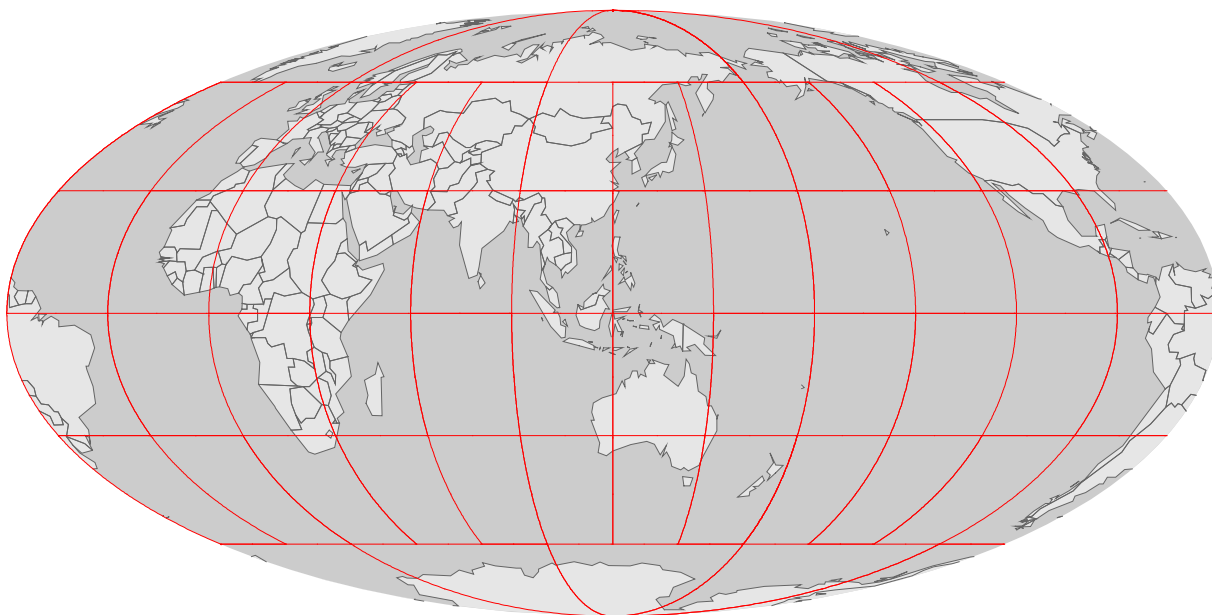




7.

Mark the following 8 points in the map:

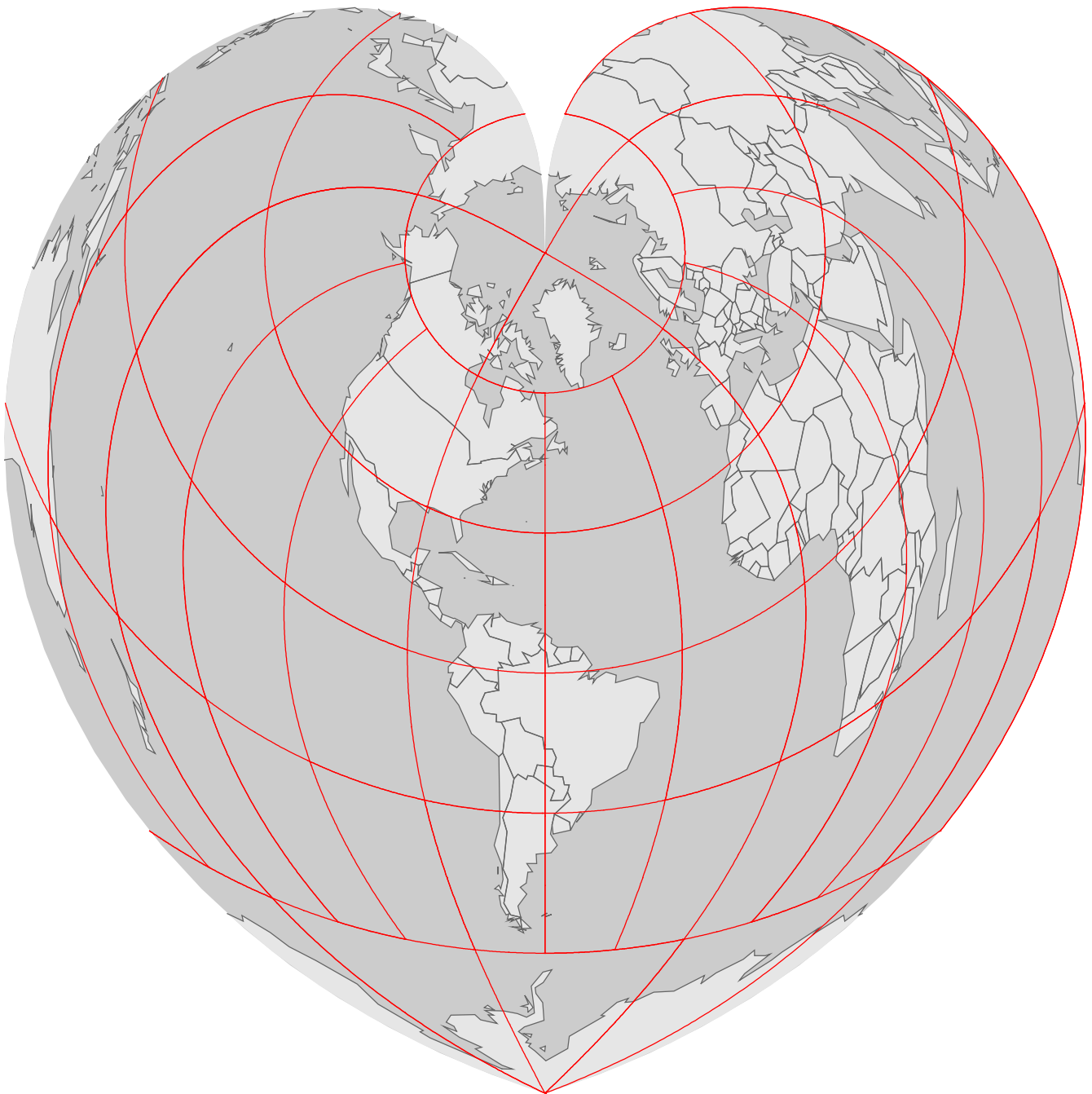
1. {38 N, 24 E}    2. {34 N, 69 E}    3. {12 S, 77 W}    4. {21 N, 40 E}  
5. {23 N, 59 E}    6. {29 N, 77 E}    7. {39 N, 29 W}    8. {0 S, 7 E}



8.

Mark the following 8 points in the map:

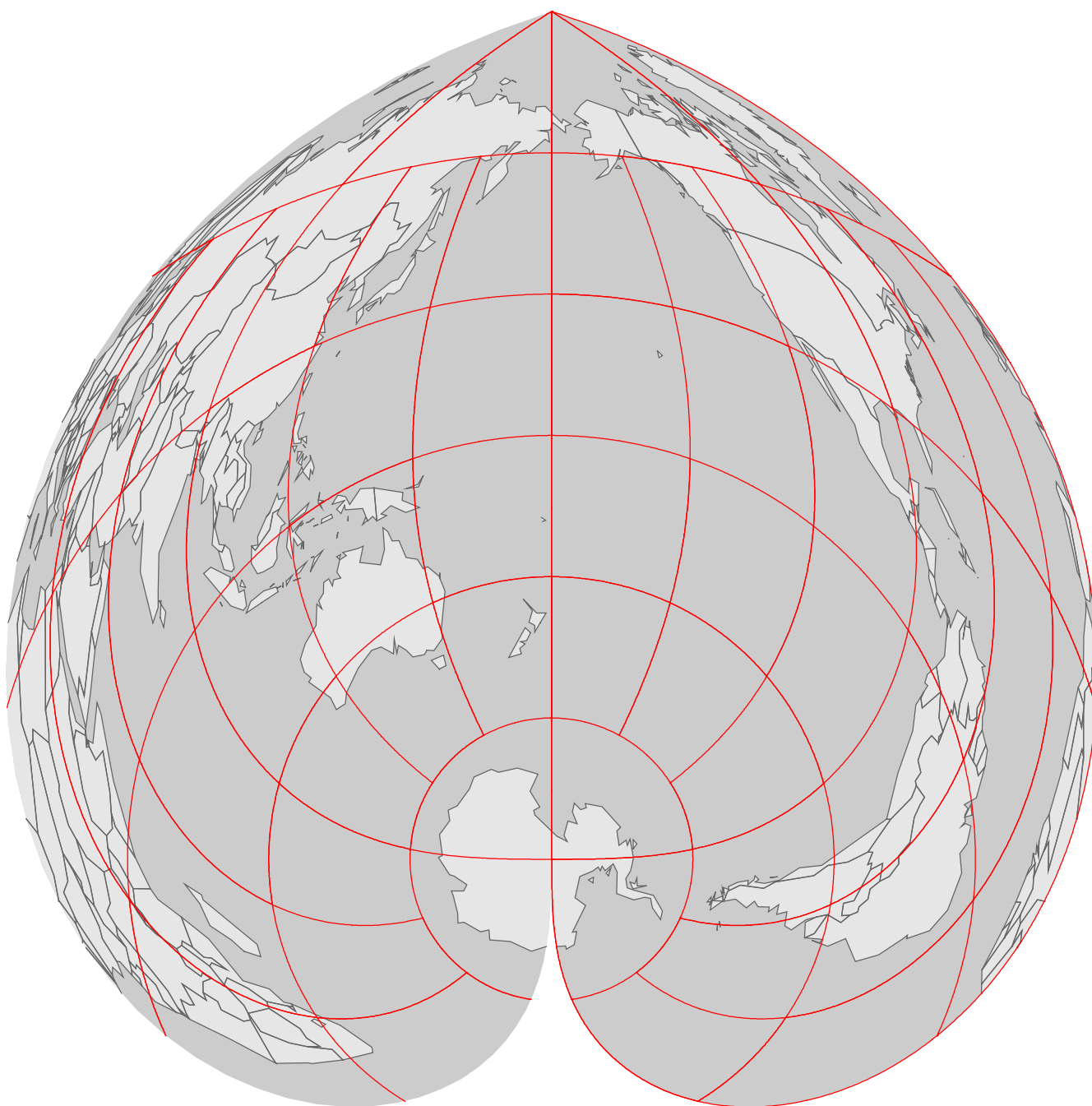
1. {15 N, 39 E}   2. {19 N, 73 E}   3. {13 N, 60 W}   4. {5 N, 73 E}  
5. {2 N, 45 E}   6. {12 N, 70 W}   7. {21 S, 56 E}   8. {52 N, 21 E}



9.

Mark the following 8 points in the map:

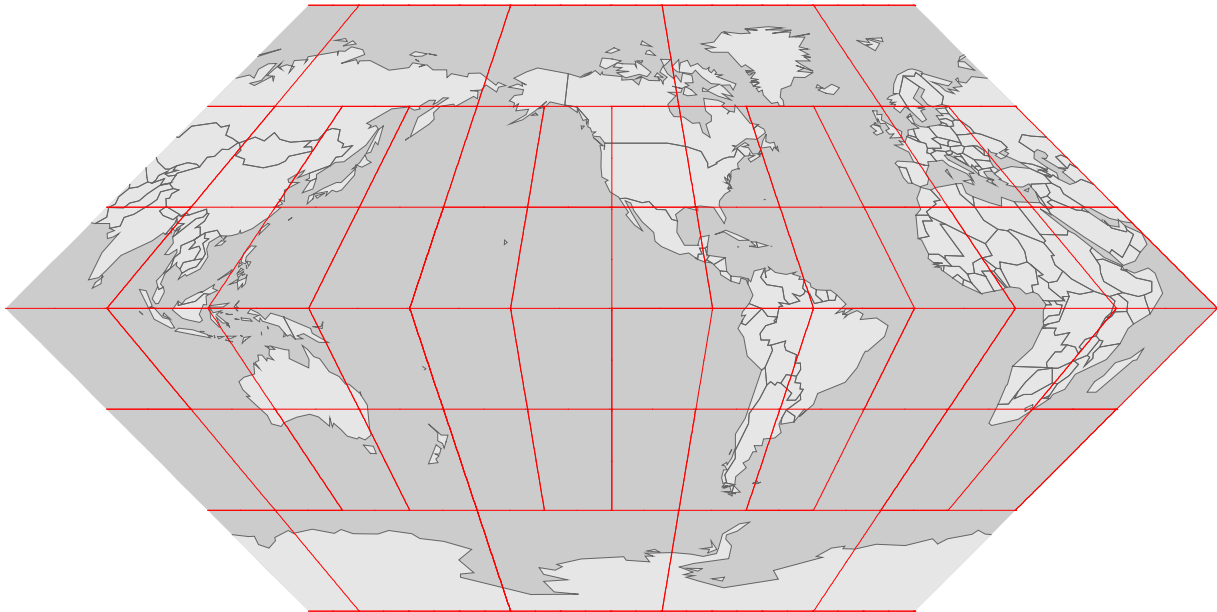
1. {51 N, 7 E}    2. {24 N, 90 E}    3. {8 N, 13 W}    4. {25 S, 26 E}  
5. {0 S, 32 E}    6. {26 S, 33 E}    7. {1 S, 37 E}    8. {14 S, 171 W}



10.

Mark the following 8 points in the map:

1. {42 N, 12 E}
2. {40 N, 116 E}
3. {23 N, 88 E}
4. {15 N, 61 W}
5. {47 N, 29 E}
6. {39 N, 9 W}
7. {48 N, 107 E}
8. {48 N, 16 E}



11.

Mark the following 8 points in the map:

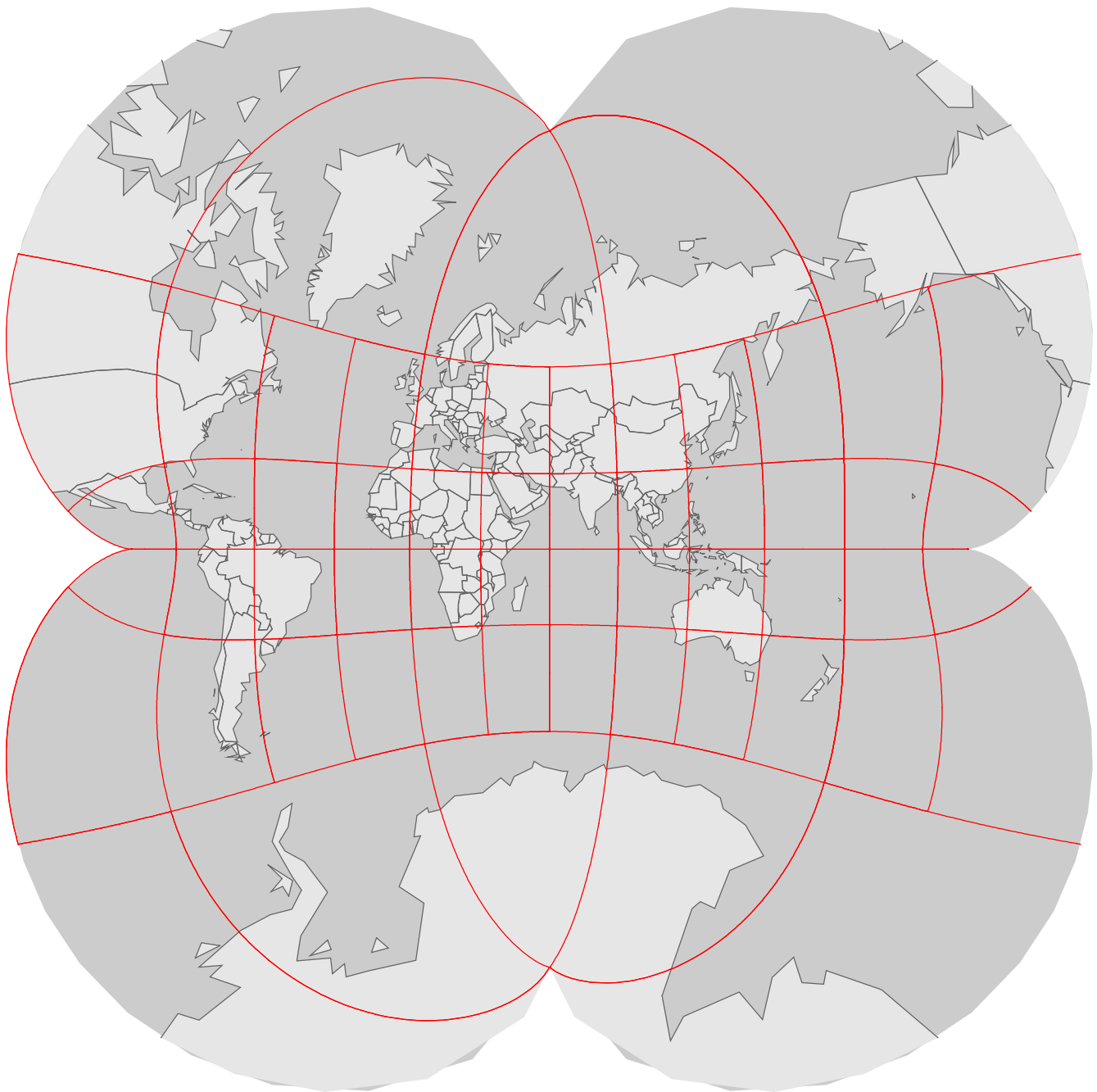
1. {17 N, 63 W}   2. {34 S, 18 E}   3. {24 N, 90 E}   4. {34 N, 36 E}  
5. {7 S, 39 E}   6. {2 S, 30 E}   7. {46 N, 74 W}   8. {41 N, 20 E}



12.

Mark the following 8 points in the map:

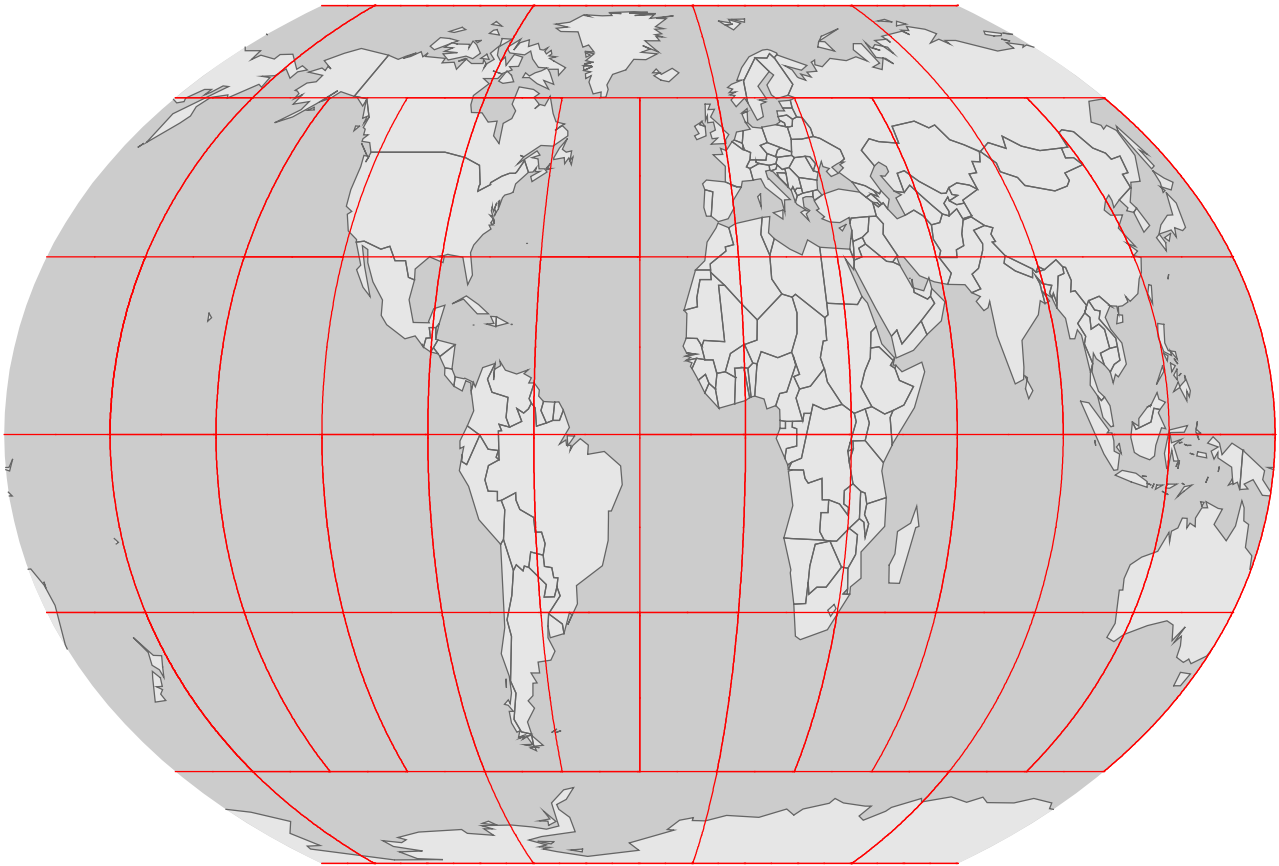
1. {36 N, 5 W}   2. {16 N, 62 W}   3. {43 N, 75 E}   4. {5 N, 74 W}  
5. {34 N, 36 E}   6. {33 N, 64 E}   7. {13 N, 2 E}   8. {21 S, 174 W}



13.

Mark the following 8 points in the map:

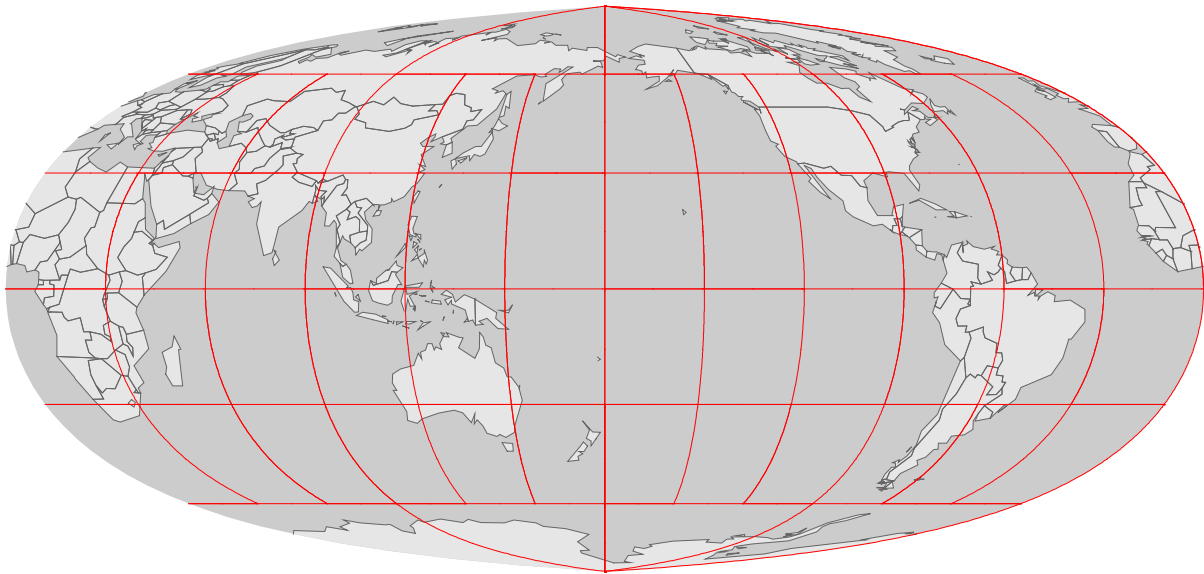
1. {44 N, 7 E}    2. {15 N, 90 W}    3. {33 N, 64 E}    4. {52 N, 0 W}  
5. {19 N, 99 W}    6. {6 N, 3 E}    7. {19 S, 65 W}    8. {42 N, 45 E}



14.

Mark the following 8 points in the map:

1. {6 N, 11 W}   2. {22 S, 166 E}   3. {12 N, 2 W}   4. {9 N, 75 W}  
5. {9 S, 147 E}   6. {23 S, 43 W}   7. {14 N, 87 W}   8. {13 N, 145 E}

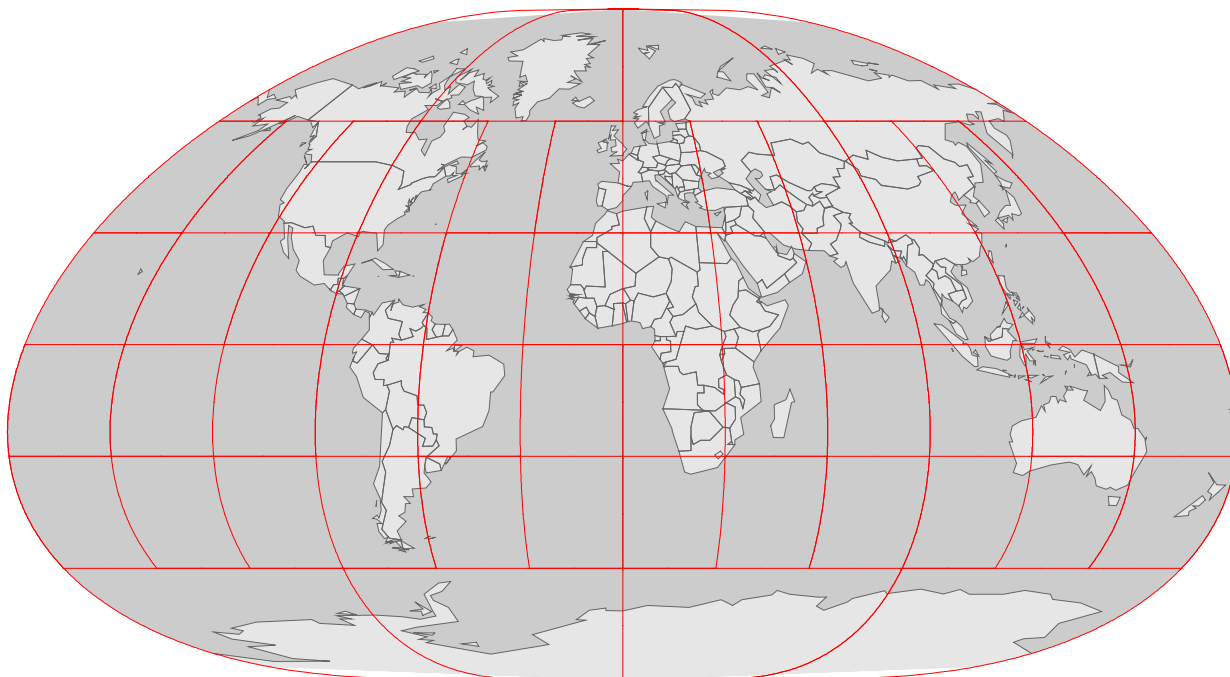




15.

Mark the following 8 points in the map:

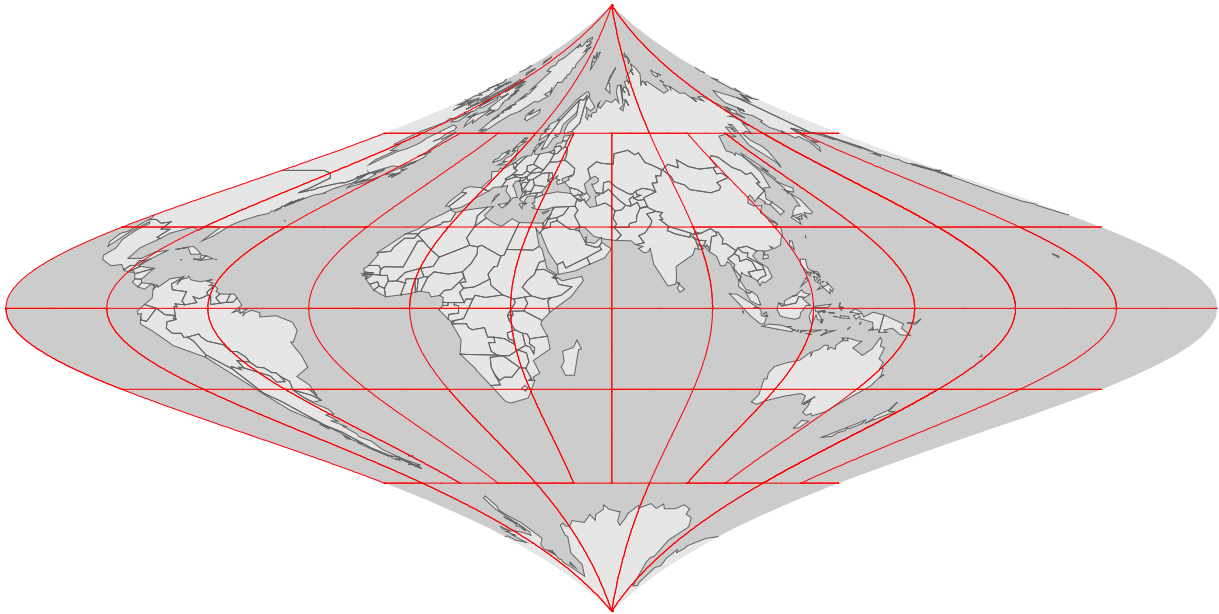
1. {6 N, 0 W}   2. {4 S, 15 E}   3. {16 S, 68 W}   4. {21 S, 174 W}  
5. {20 S, 57 E}   6. {42 N, 12 E}   7. {47 N, 10 E}   8. {55 N, 25 E}



16.

Mark the following 8 points in the map:

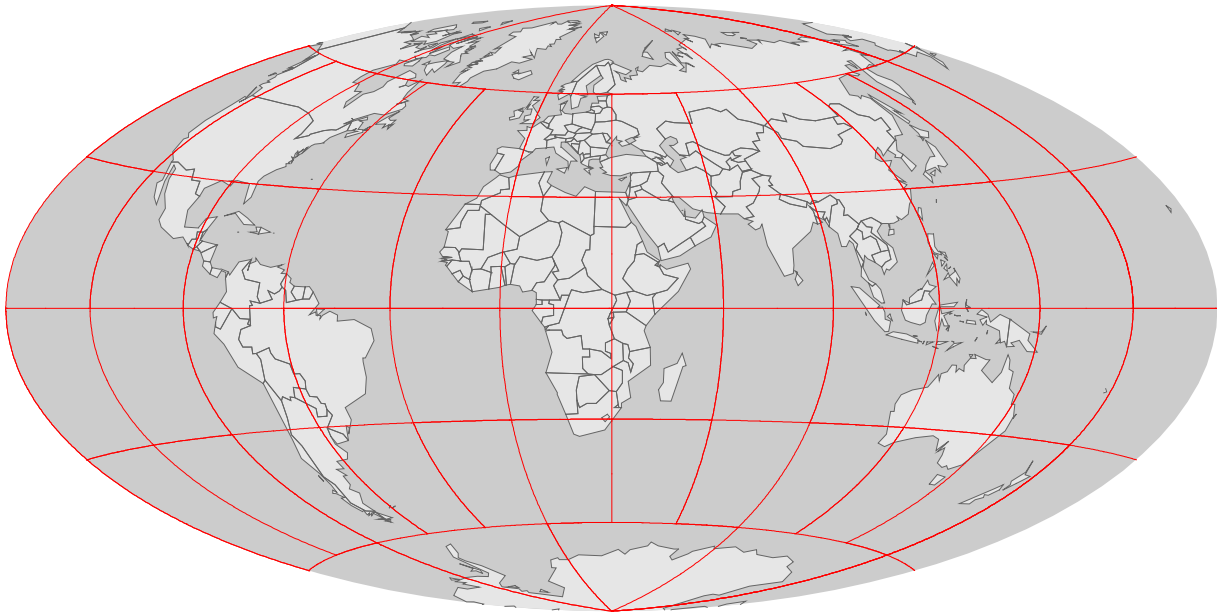
1. {4 N, 19 E}   2. {15 N, 90 W}   3. {21 N, 106 E}   4. {22 N, 82 W}  
5. {60 N, 25 E}   6. {50 N, 30 E}   7. {57 N, 24 E}   8. {52 S, 60 W}



17.

Mark the following 8 points in the map:

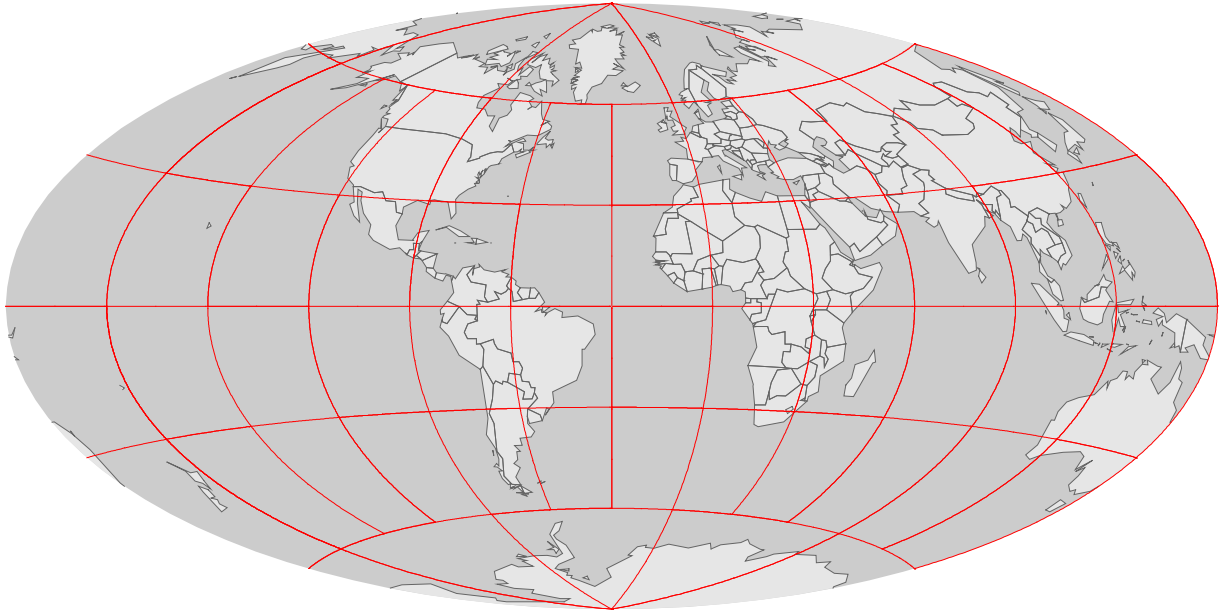
1. {9 S, 160 E}   2. {3 N, 102 E}   3. {6 N, 11 W}   4. {39 N, 29 W}  
5. {17 N, 25 W}   6. {10 N, 84 W}   7. {18 N, 63 W}   8. {62 N, 7 W}



18.

Mark the following 8 points in the map:

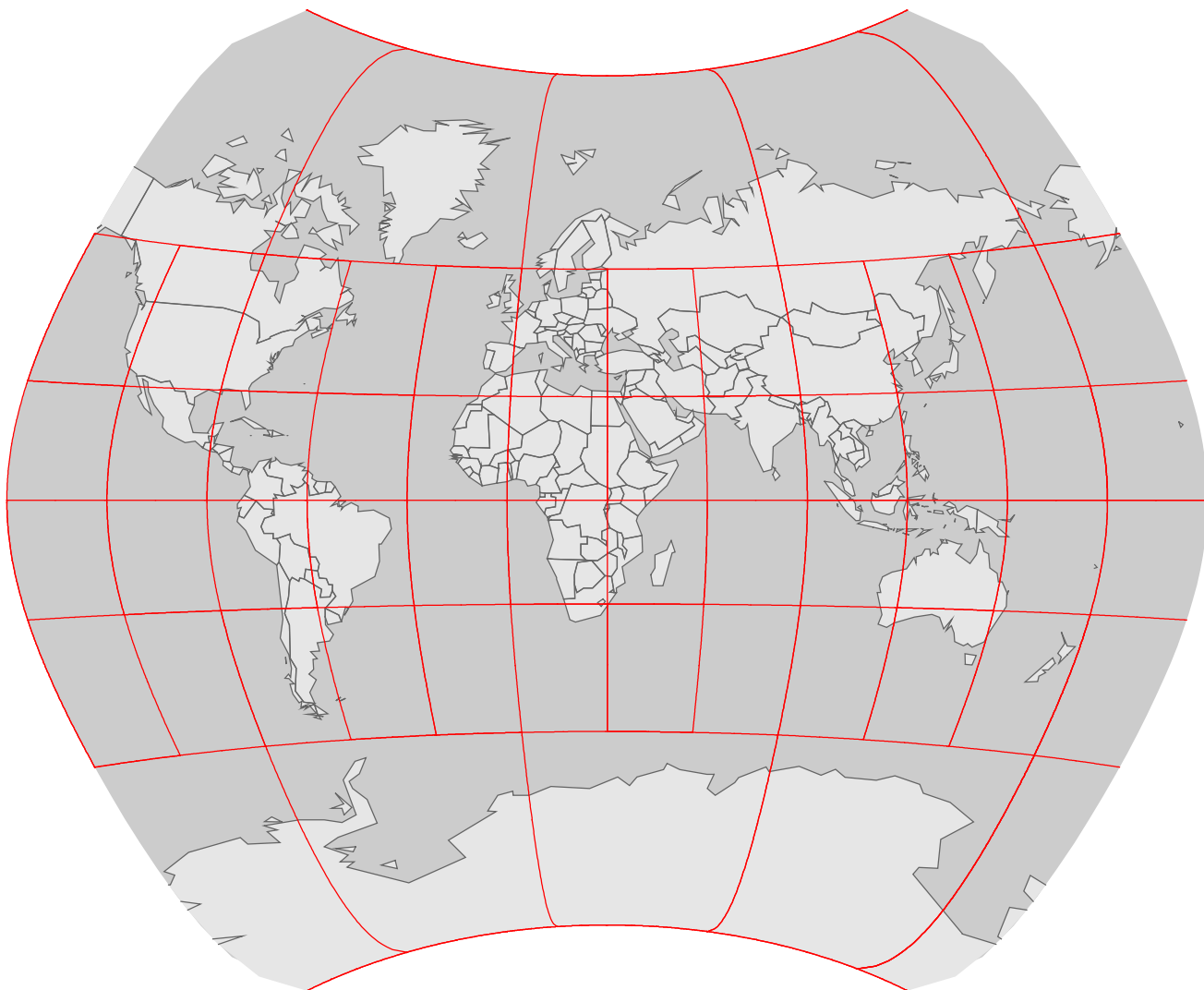
1. {37 N, 3 E}   2. {13 N, 17 W}   3. {9 N, 14 W}   4. {33 N, 64 E}  
5. {28 N, 15 W}   6. {26 N, 51 E}   7. {20 S, 57 E}   8. {33 S, 71 W}



19.

Mark the following 8 points in the map:

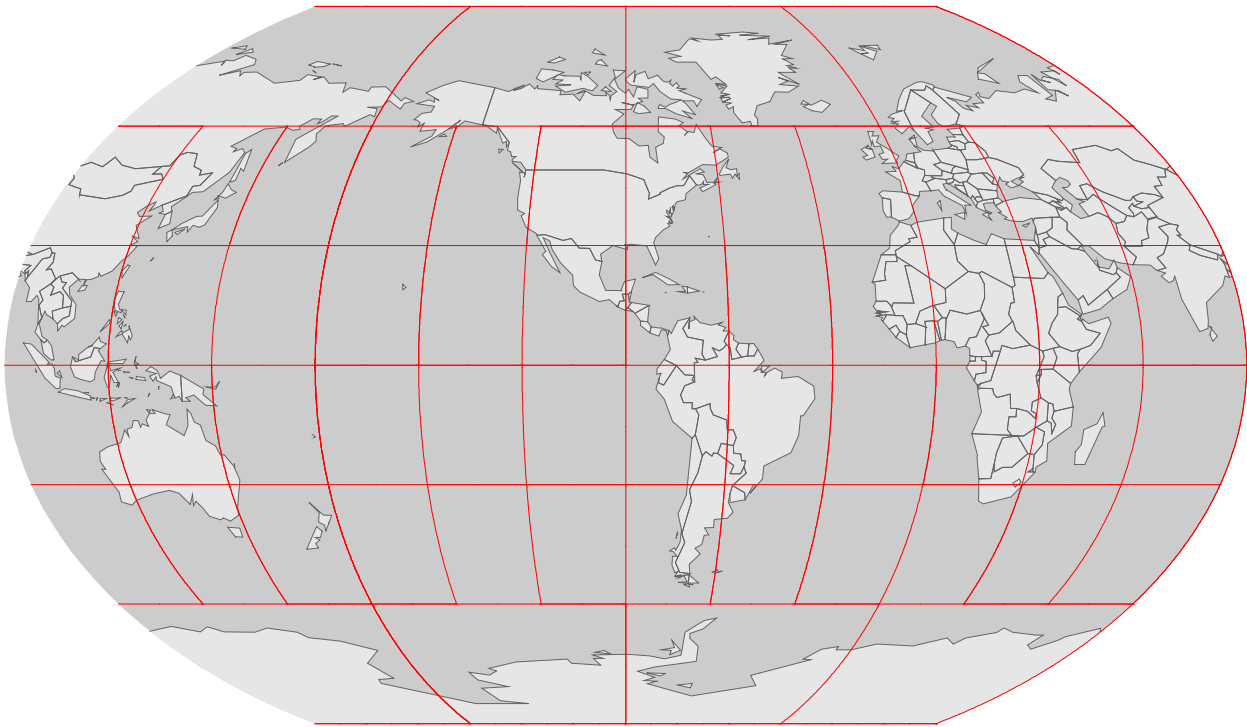
1. {24 N, 54 E}    2. {12 N, 16 W}    3. {48 N, 17 E}    4. {10 N, 67 W}  
5. {14 N, 61 W}    6. {46 N, 15 E}    7. {9 S, 13 E}    8. {20 S, 57 E}



20.

Mark the following 8 points in the map:

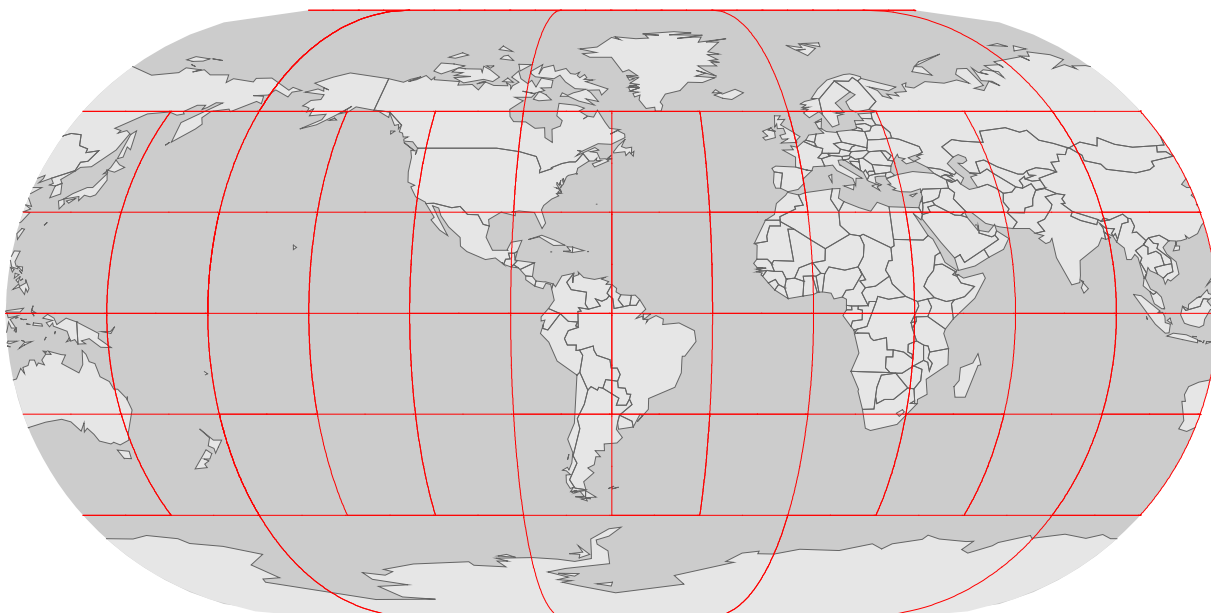
1. {44 N, 7 E}   2. {43 N, 77 E}   3. {33 N, 44 E}   4. {48 N, 17 E}  
5. {52 N, 3 W}   6. {46 N, 6 E}   7. {46 N, 15 E}   8. {41 N, 69 E}



21.

Mark the following 8 points in the map:

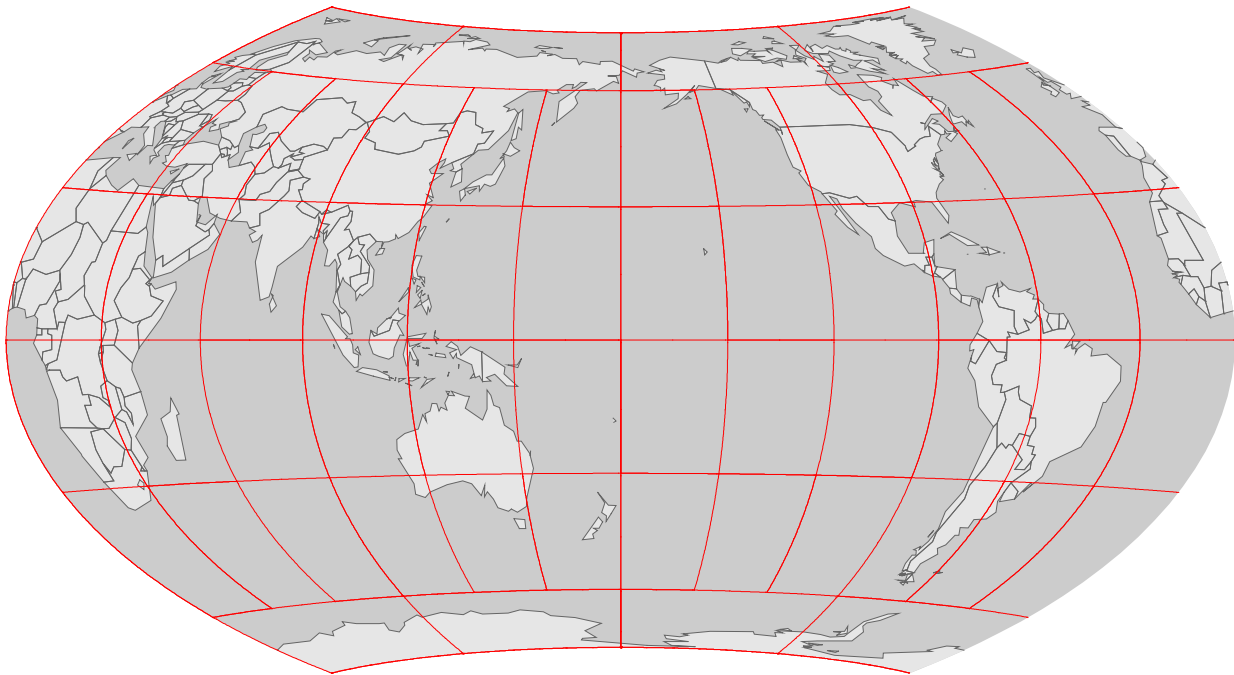
1. {47 N, 8 E}   2. {19 N, 73 E}   3. {15 N, 17 W}   4. {34 N, 36 E}  
5. {6 N, 1 E}   6. {29 N, 77 E}   7. {45 N, 76 W}   8. {42 N, 12 E}



22.

Mark the following 8 points in the map:

1. {7 N, 80 E}   2. {12 N, 43 E}   3. {9 S, 160 E}   4. {34 N, 69 E}  
5. {28 N, 85 E}   6. {6 N, 1 E}   7. {40 N, 116 E}   8. {42 N, 71 W}

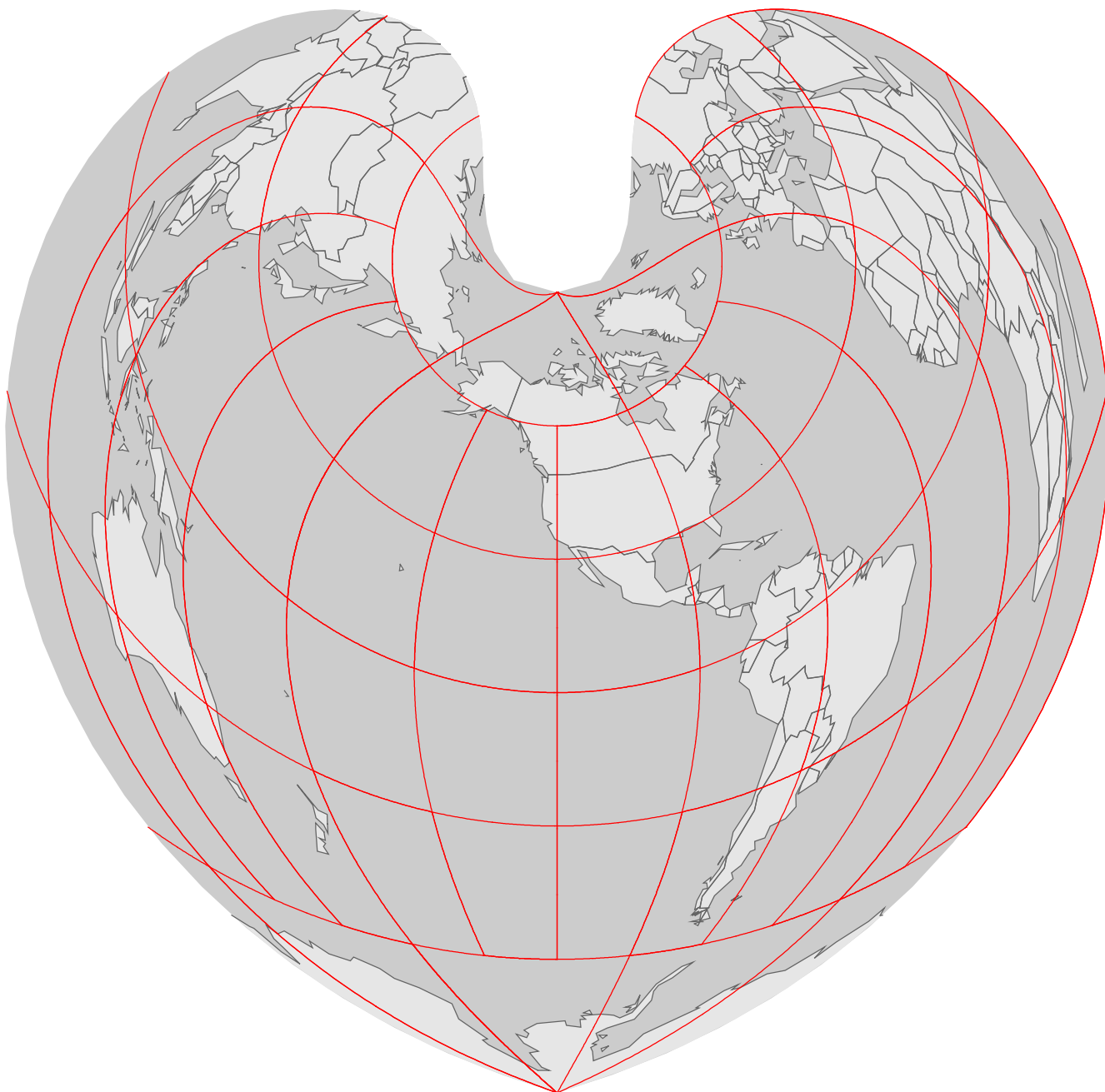




23.

Mark the following 8 points in the map:

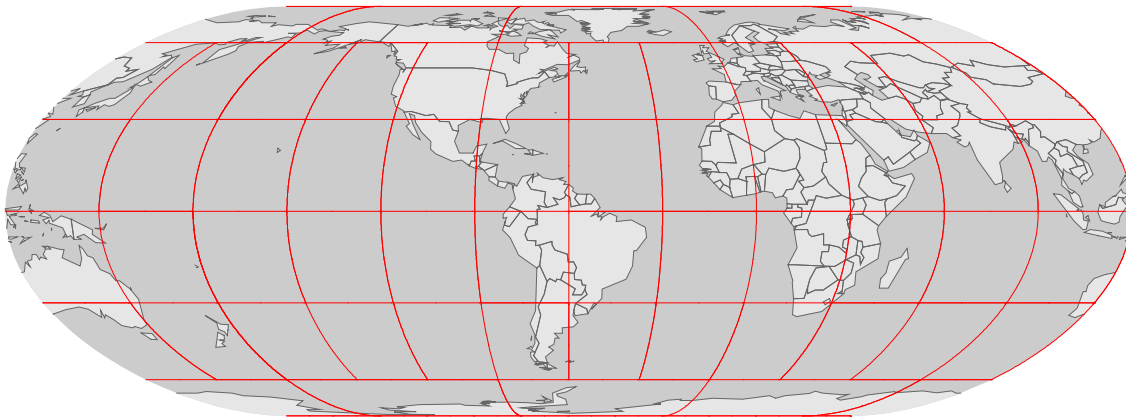
1. {38 N, 24 E}   2. {40 N, 116 E}   3. {19 N, 81 W}   4. {21 N, 106 E}  
5. {4 S, 15 E}   6. {46 N, 74 W}   7. {9 N, 75 W}   8. {19 S, 168 E}



24.

Mark the following 8 points in the map:

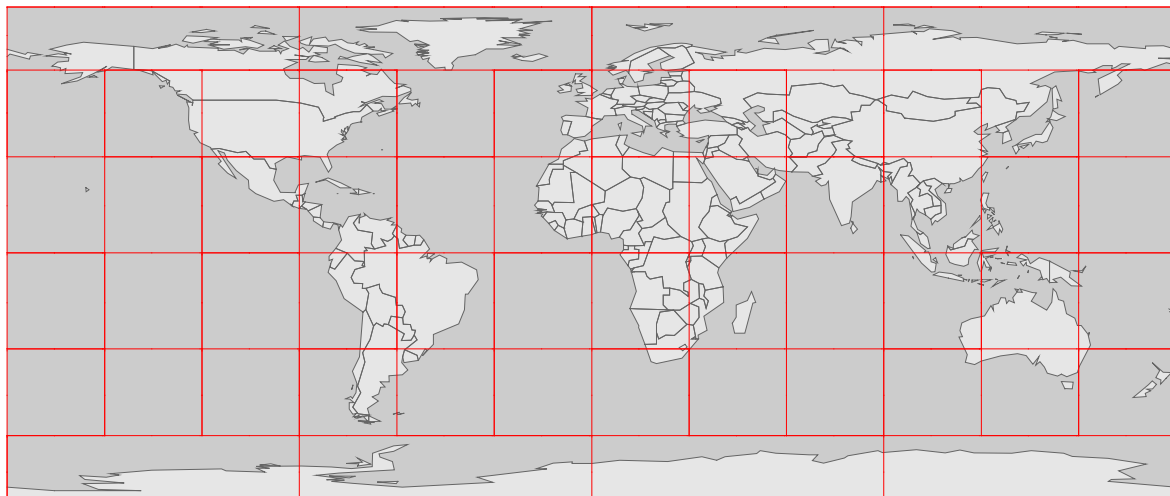
1. {38 N, 58 E}    2. {51 N, 7 E}    3. {44 N, 26 E}    4. {14 N, 61 W}  
5. {19 N, 99 W}    6. {60 N, 11 E}    7. {9 S, 147 E}    8. {44 N, 12 E}



25.

Mark the following 8 points in the map:

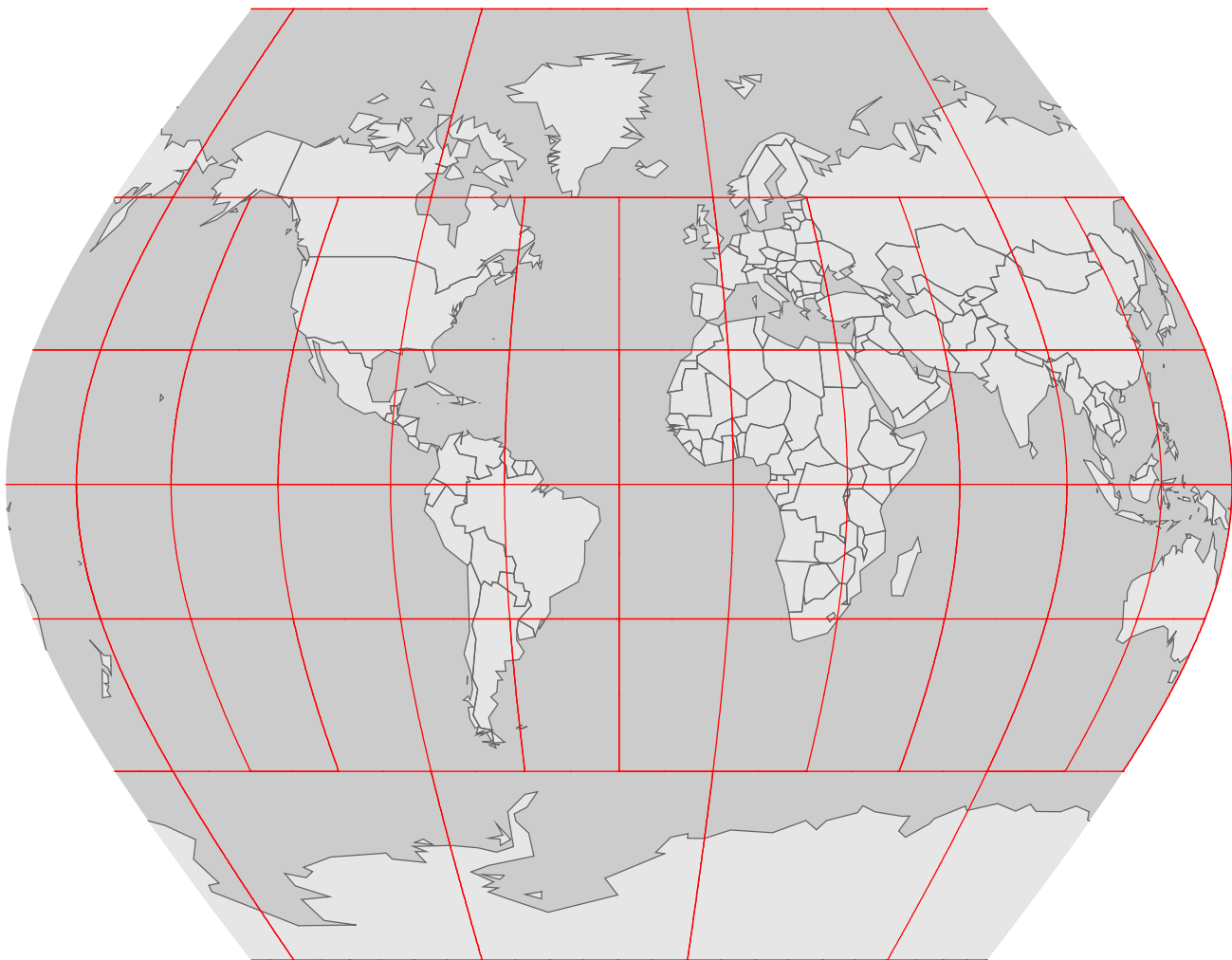
1. {9 N, 39 E}    2. {13 N, 45 E}    3. {14 N, 61 W}    4. {7 S, 39 E}  
5. {13 N, 61 W}    6. {50 N, 6 E}    7. {14 N, 89 W}    8. {44 N, 18 E}



26.

Mark the following 8 points in the map:

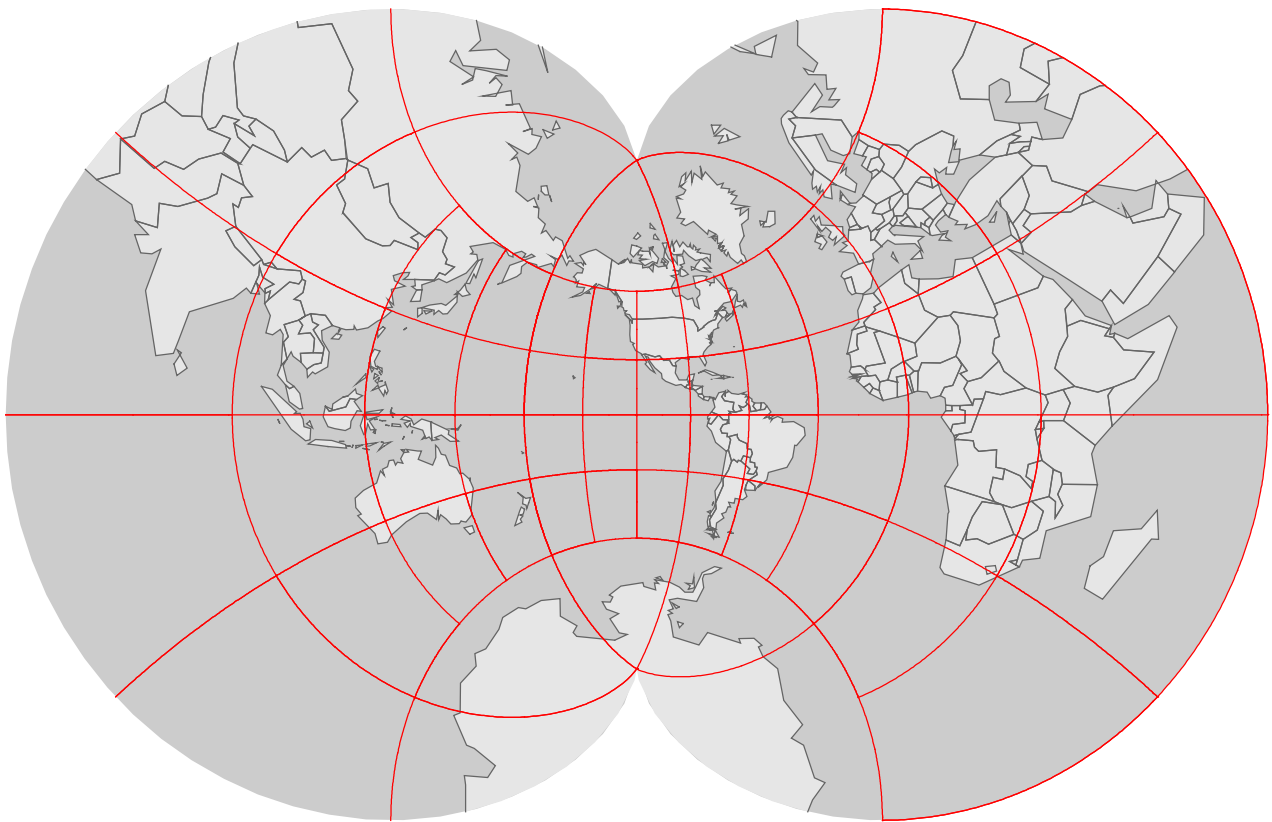
1. {15 N, 39 E}   2. {19 N, 81 W}   3. {2 S, 30 E}   4. {3 N, 102 E}  
5. {12 S, 77 W}   6. {4 N, 9 E}   7. {1 S, 37 E}   8. {14 S, 171 W}



27.

Mark the following 8 points in the map:

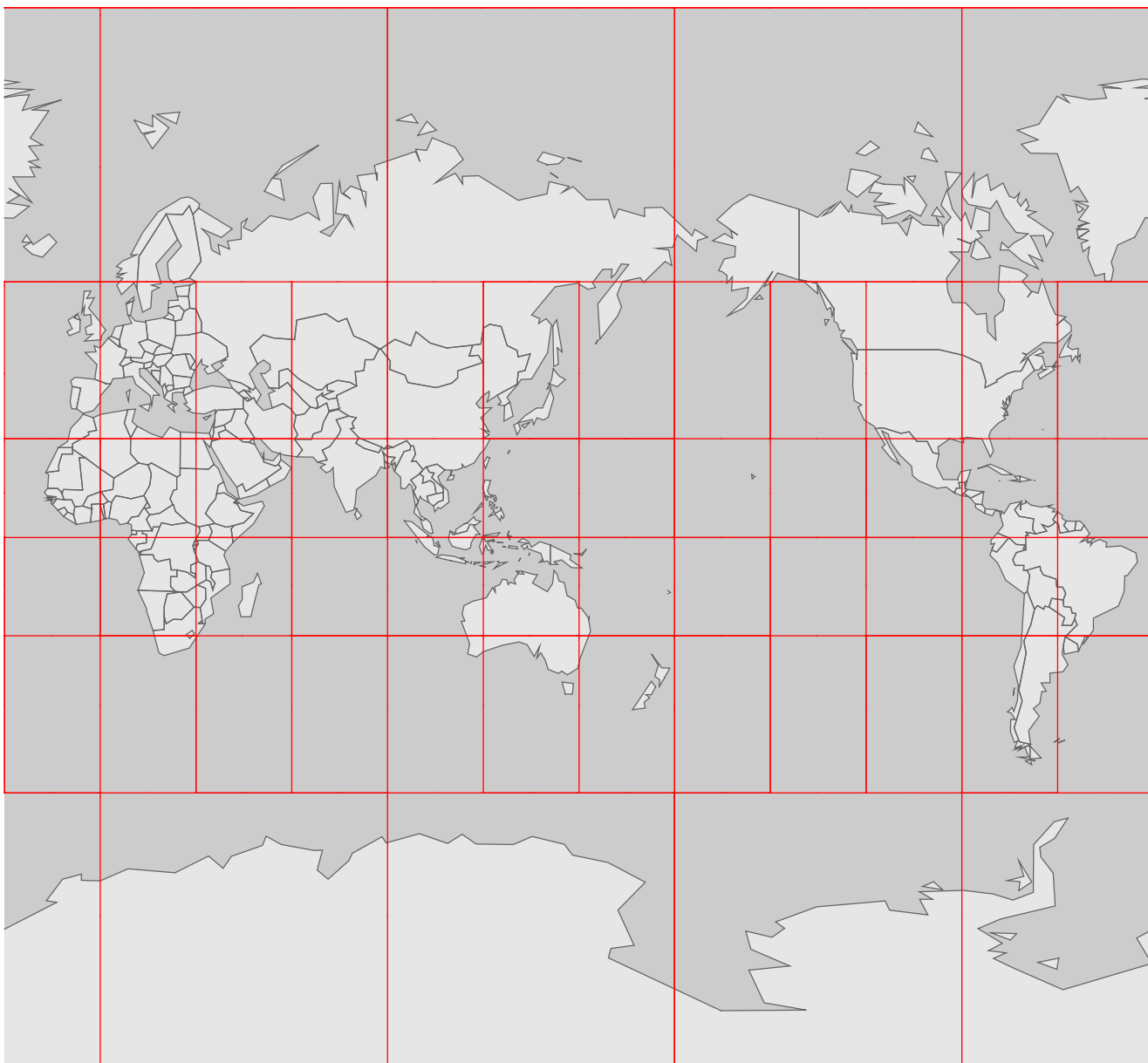
1. {36 N, 5 W}   2. {44 N, 7 E}   3. {9 N, 39 E}   4. {37 N, 3 E}  
5. {15 N, 61 W}   6. {22 S, 166 E}   7. {17 N, 96 E}   8. {23 S, 43 W}



28.

Mark the following 8 points in the map:

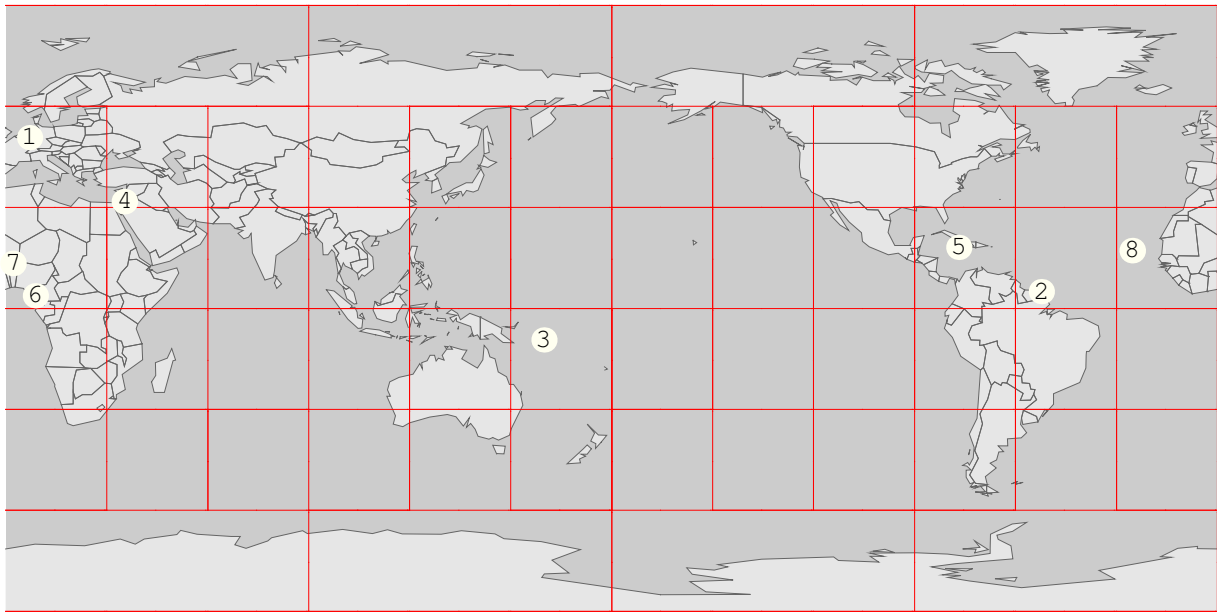
1. {17 N, 63 W}    2. {40 N, 116 E}    3. {47 N, 8 E}    4. {2 S, 30 E}  
5. {15 N, 121 E}    6. {6 N, 3 E}    7. {31 N, 122 E}    8. {52 S, 60 W}



# Solutions

1.

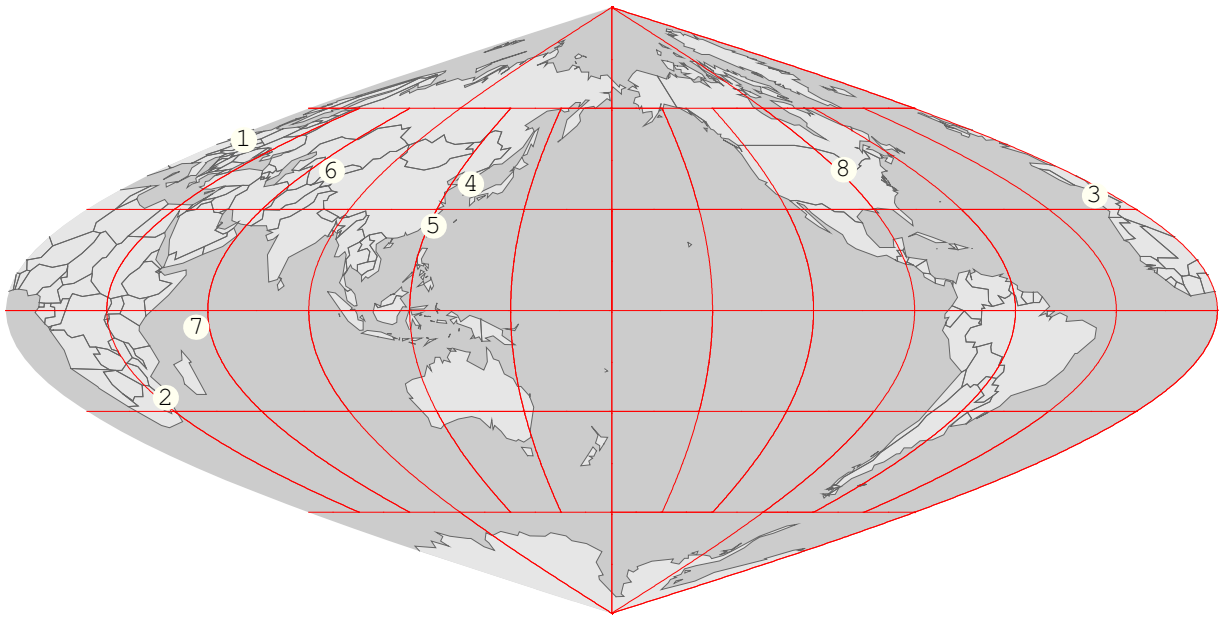
1. Bonn
2. Cayenne
3. Honiara
4. Jerusalem
5. Kingston
6. Malabo
7. Niamey
8. Praia





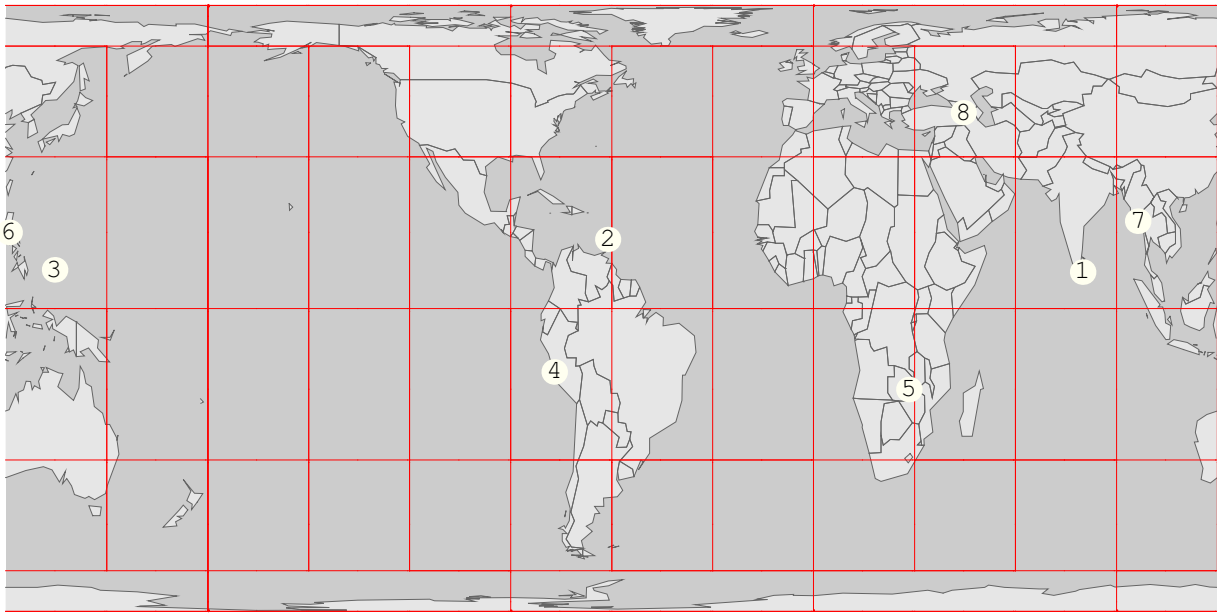
2.

1. Bonn
2. Maputo
3. Rabat
4. Seoul
5. Taipei
6. Tashkent
7. Victoria
8. Chicago



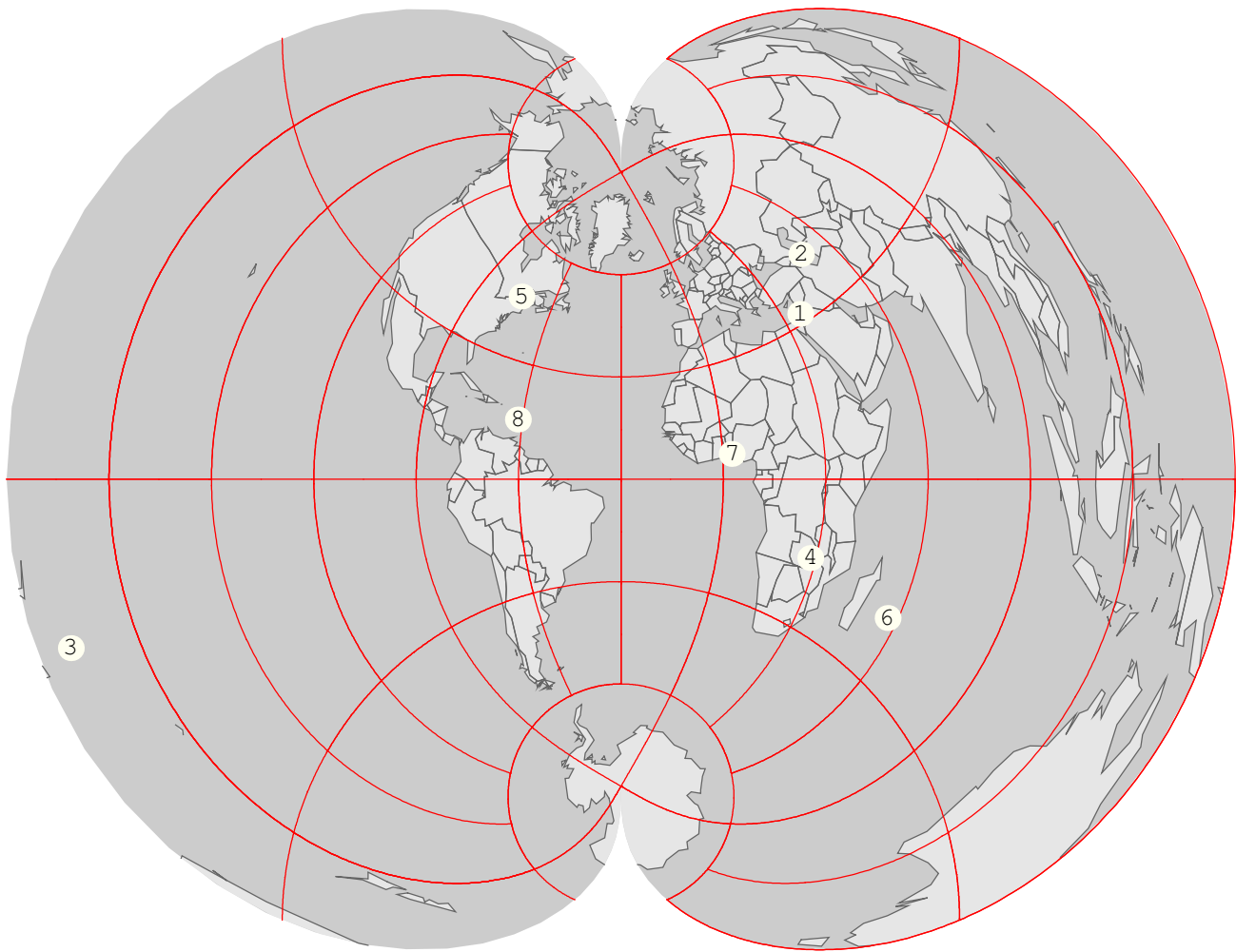
3.

1. Colombo 2. Kingstown 3. Koror 4. Lima  
5. Lusaka 6. Manila 7. Rangoon 8. Yerevan



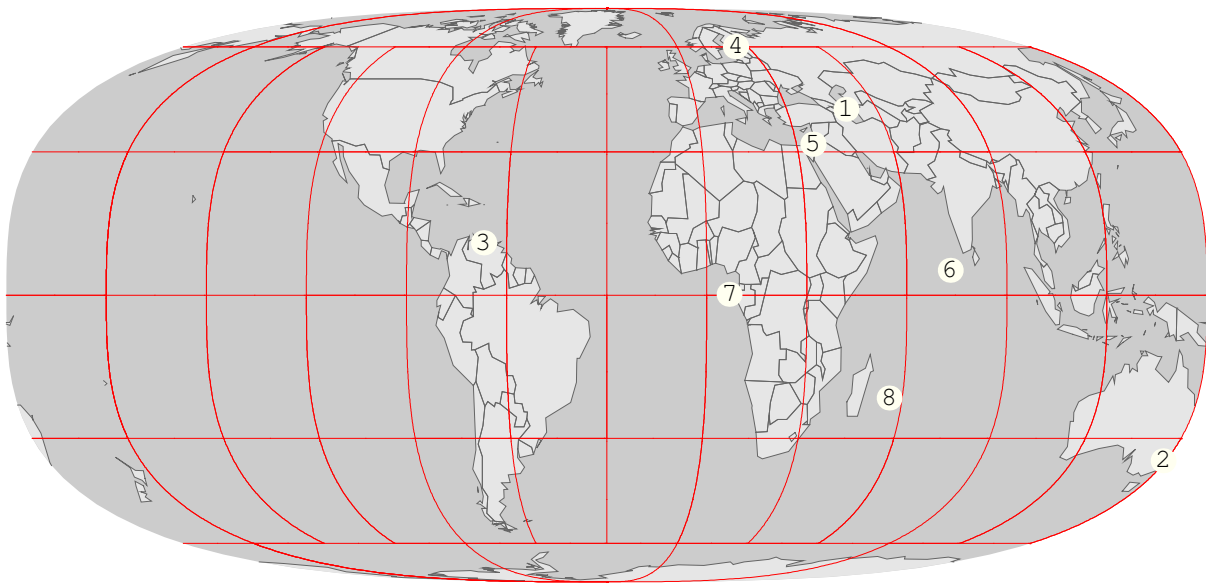
4.

1. Amman 2. Baku 3. Honiara 4. Lusaka  
5. Montreal 6. Port Louis 7. Porto-Novo 8. Roseau



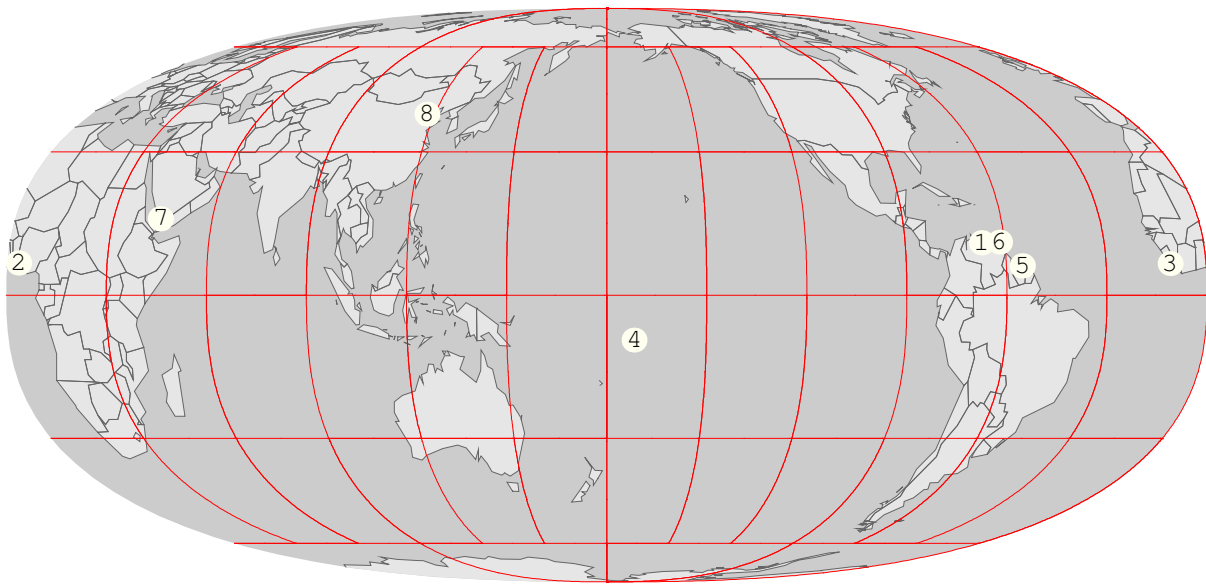
5.

1. Baku 2. Canberra 3. Caracas 4. Helsinki  
5. Jerusalem 6. Male 7. Sao Tome 8. St. Denis



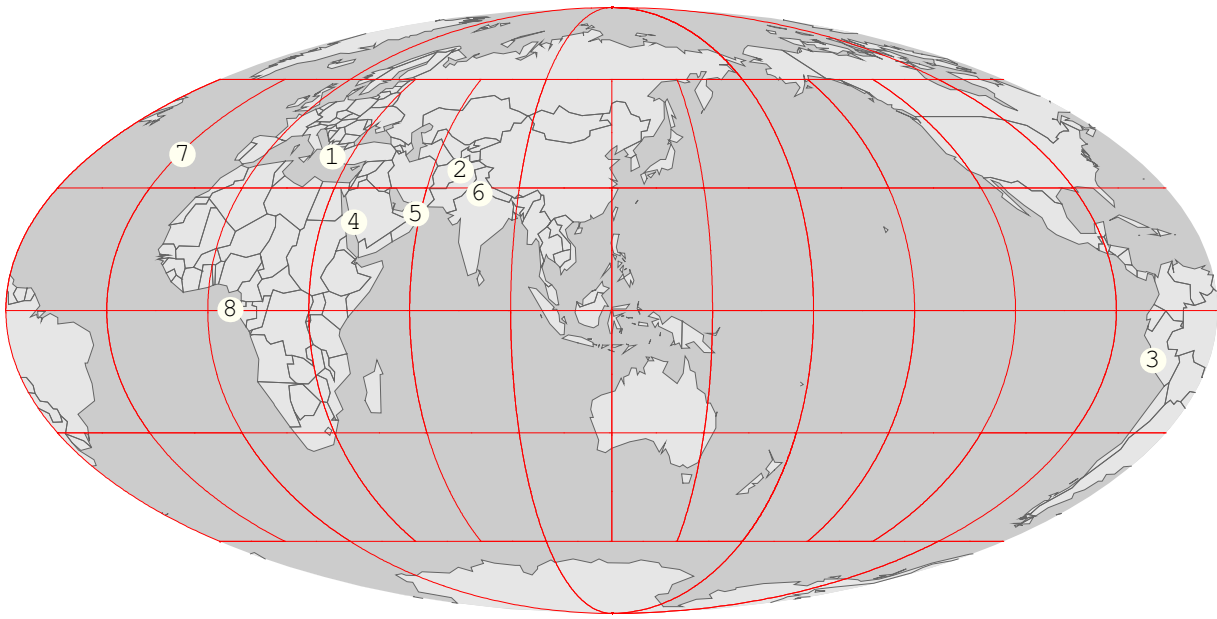
6.

1. Caracas 2. Lagos 3. Monrovia 4. Nukunonu  
5. Paramaribo 6. Port of Spain 7. Sana 8. Tianjin



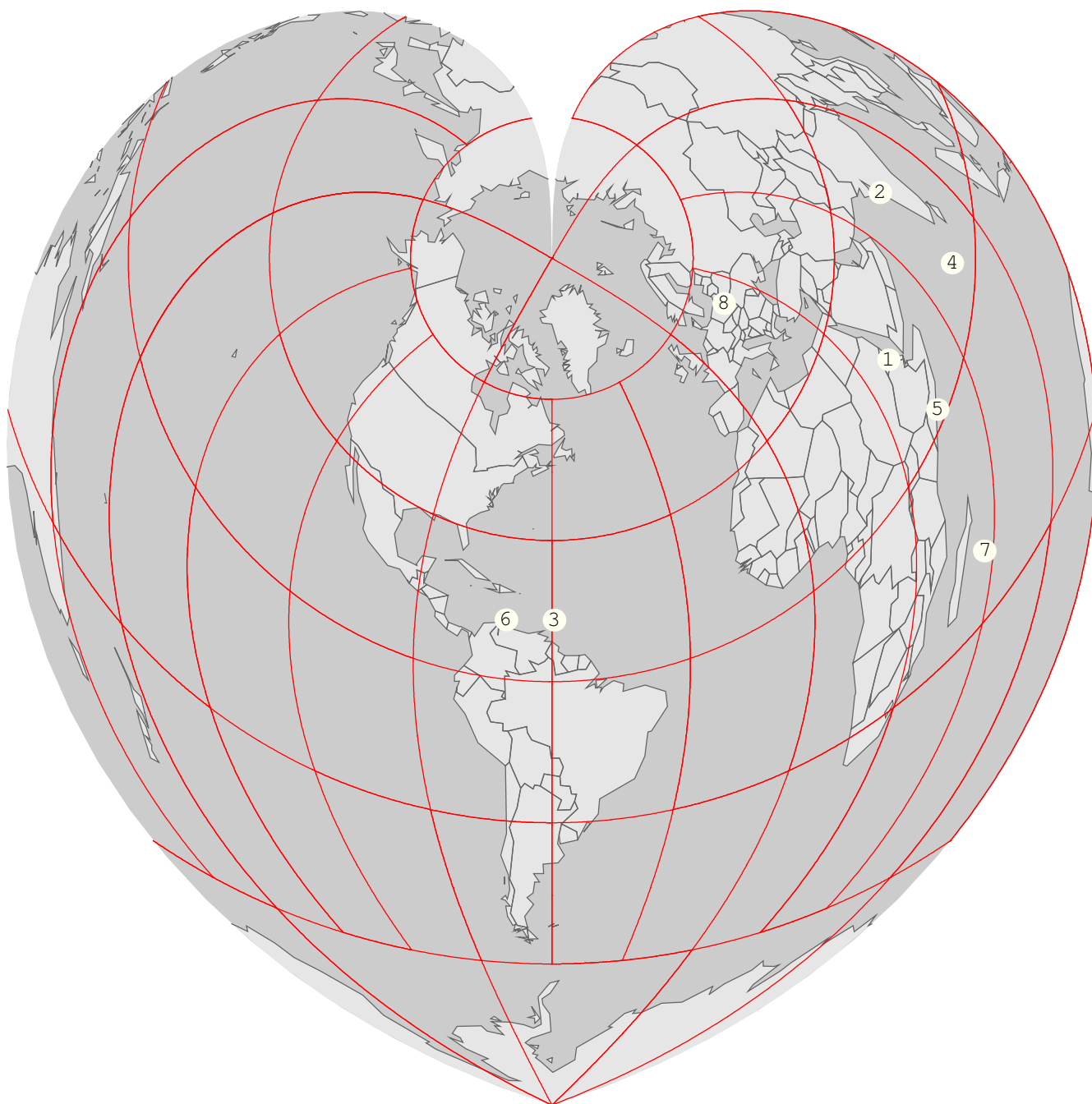
7.

1. Athens 2. Kabul 3. Lima 4. Mecca  
5. Muscat 6. New Delhi 7. Ponta Delgada 8. Sao Tome



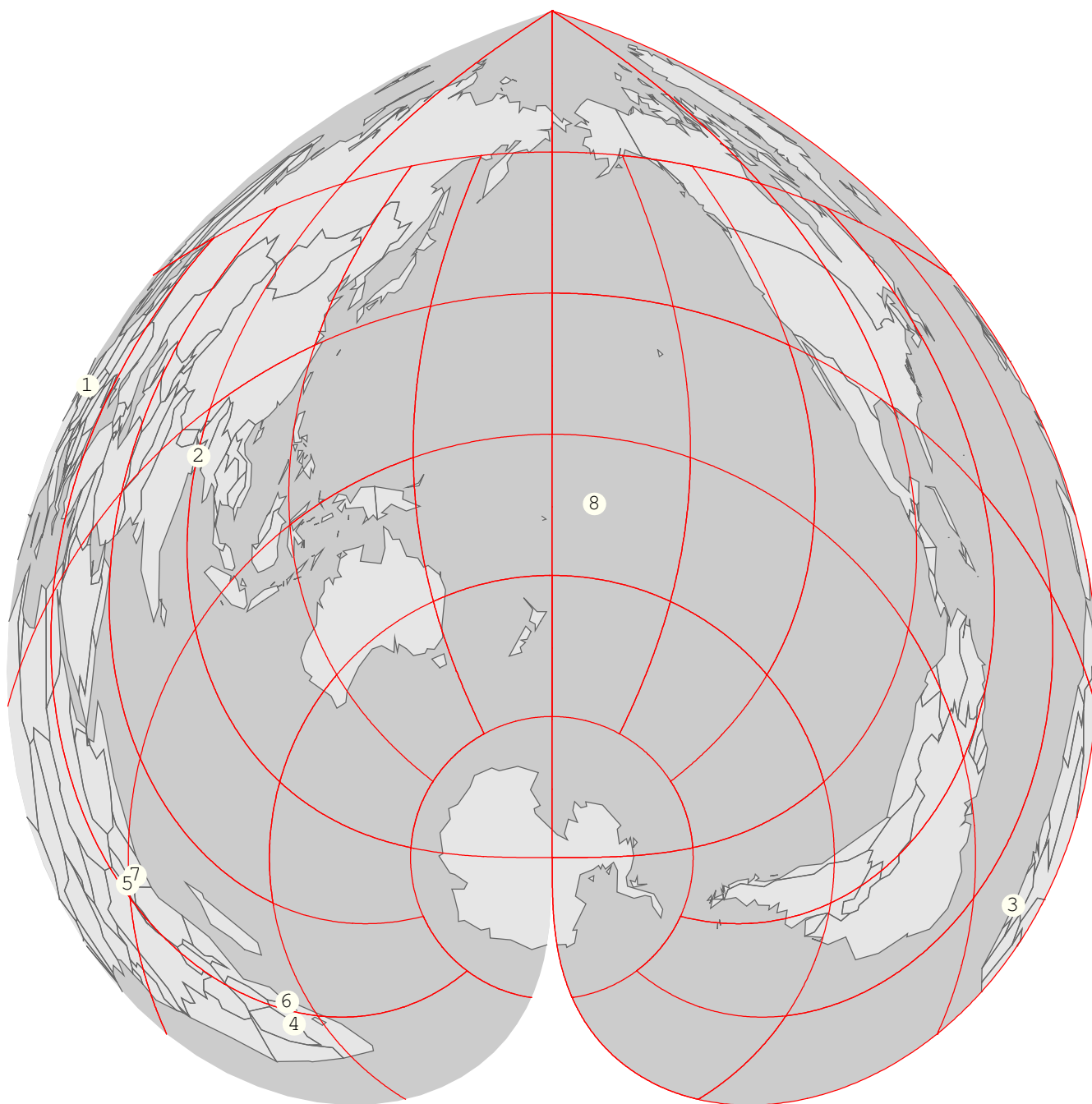
8.

1. Asmera 2. Bombay 3. Bridgetown 4. Male  
5. Mogadisho 6. Oranjestad 7. St. Denis 8. Warsaw



9.

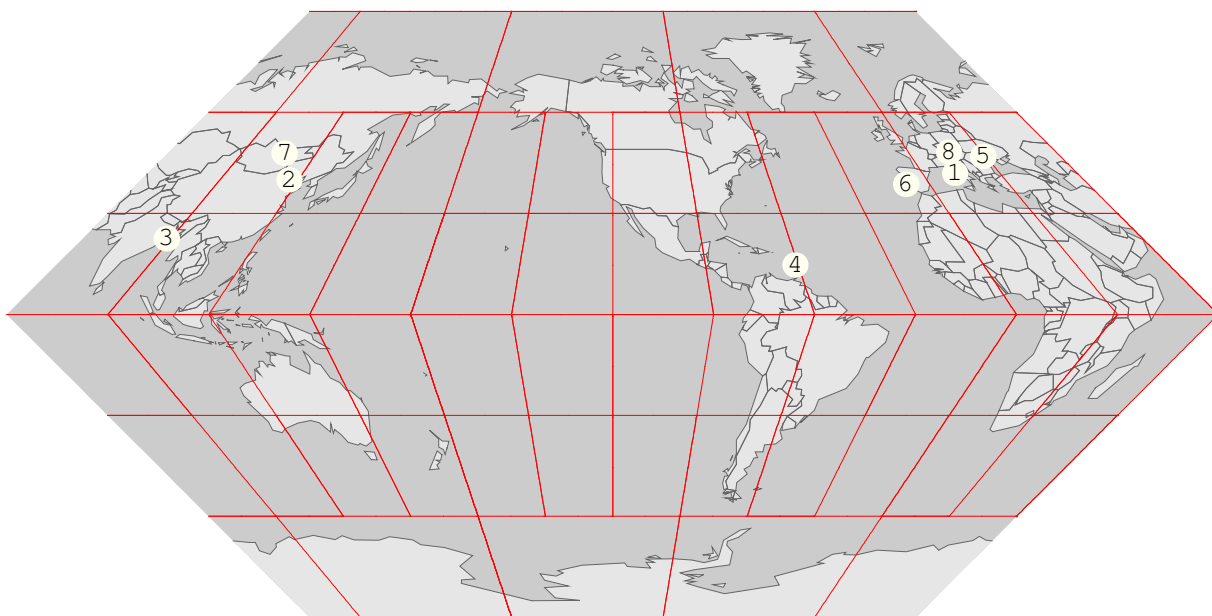
1. Bonn 2. Dacca 3. Freetown 4. Gaborone  
5. Kampala 6. Maputo 7. Nairobi 8. Pago Pago





10.

1. Vatican City 2. Beijing 3. Calcutta 4. Fort-de-France  
5. Kishinev 6. Lisbon 7. Ulan Bator 8. Vienna



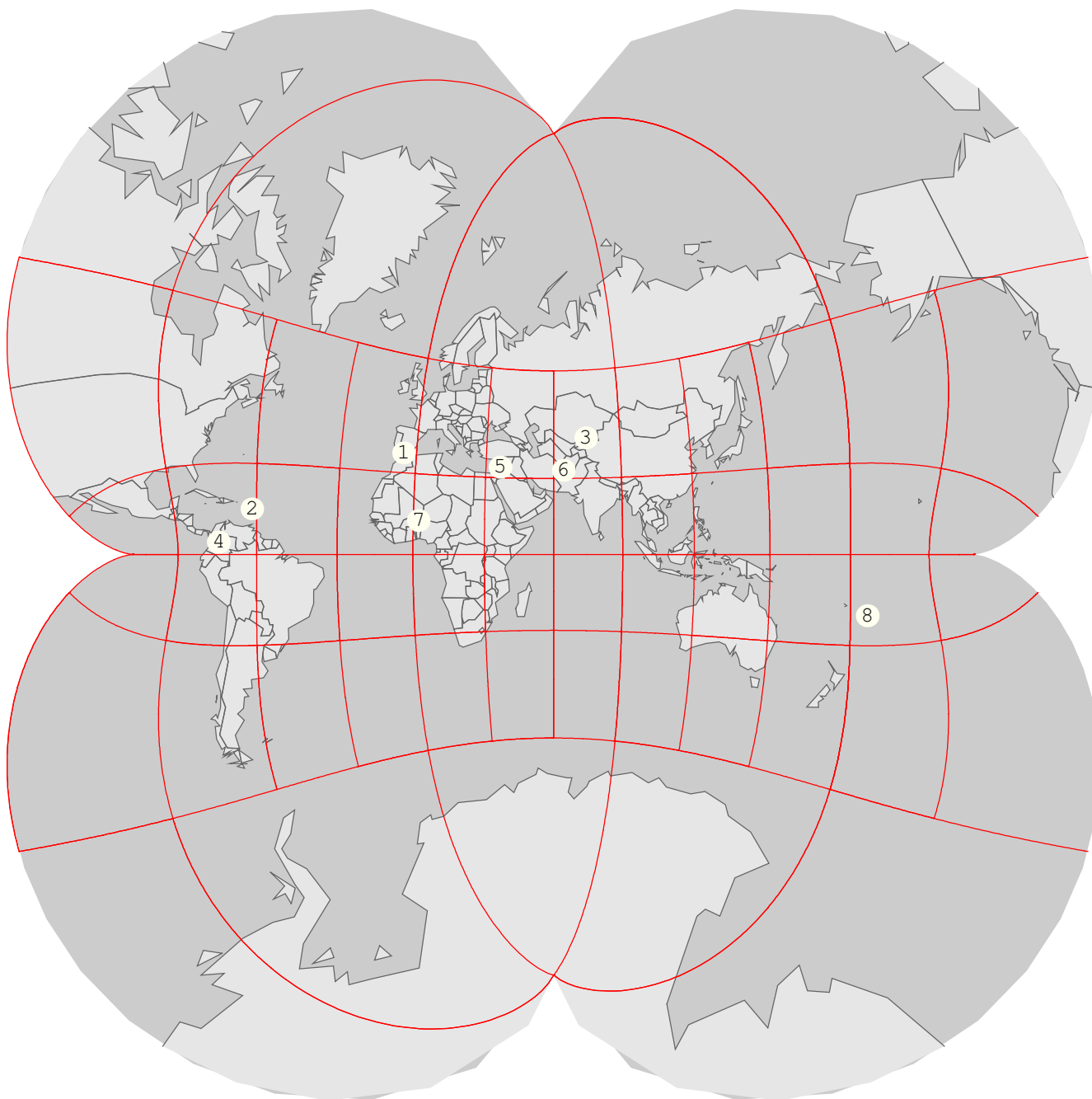
11.

1. Basseterre 2. Cape Town 3. Dacca 4. Damascus  
5. Dar es Salaam 6. Kigali 7. Montreal 8. Tirana



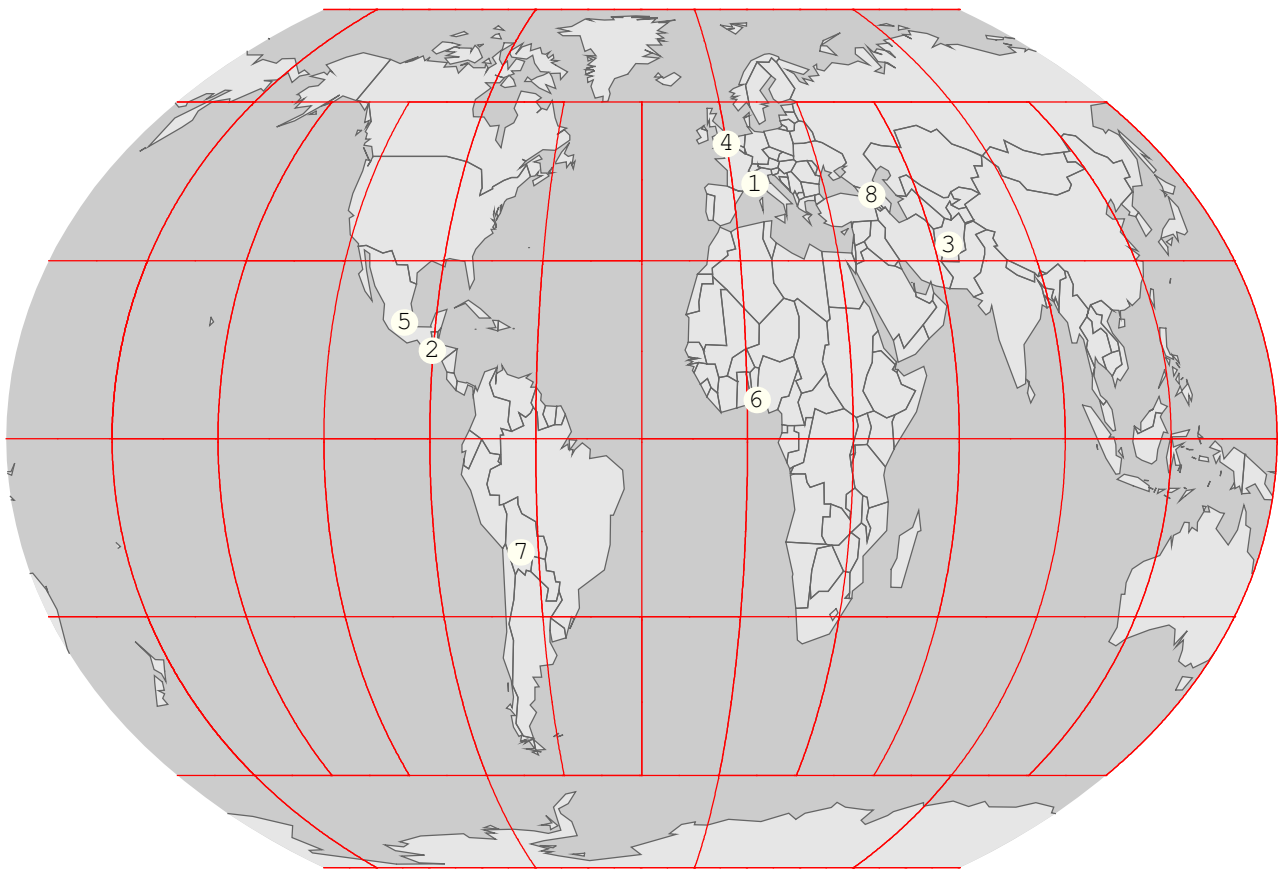
12.

1. Gibraltar 2. Basse-Terre 3. Bishkek 4. Bogota  
5. Damascus 6. Hamilton 7. Niamey 8. Nuku'alofa



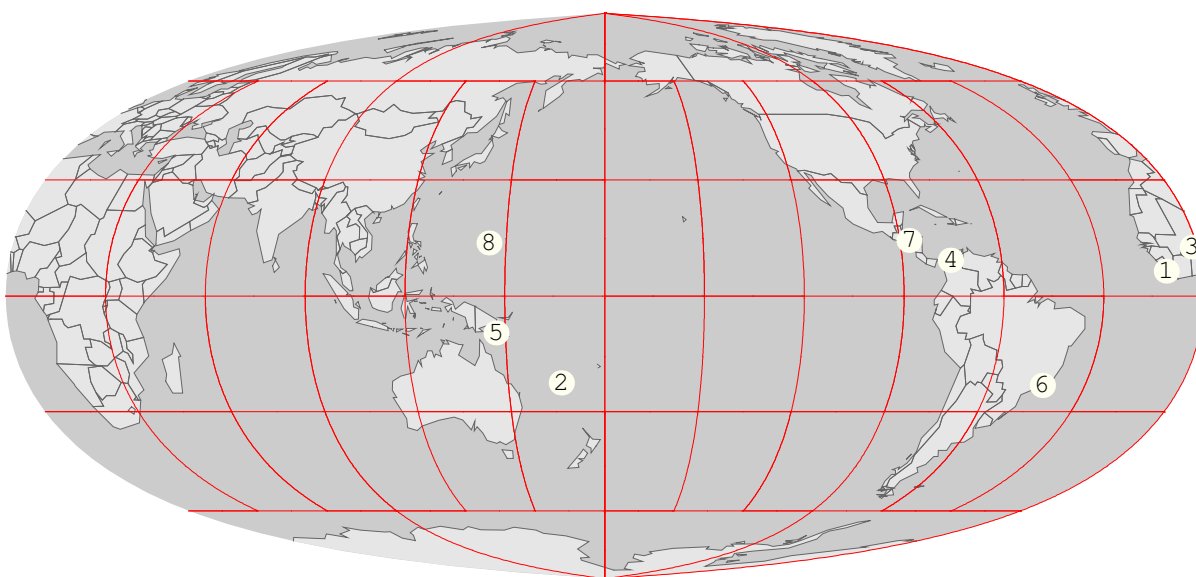
13.

1. Monaco 2. Guatemala City 3. Hamilton 4. London  
5. Mexico City 6. Porto-Novo 7. Sucre 8. Tblisi



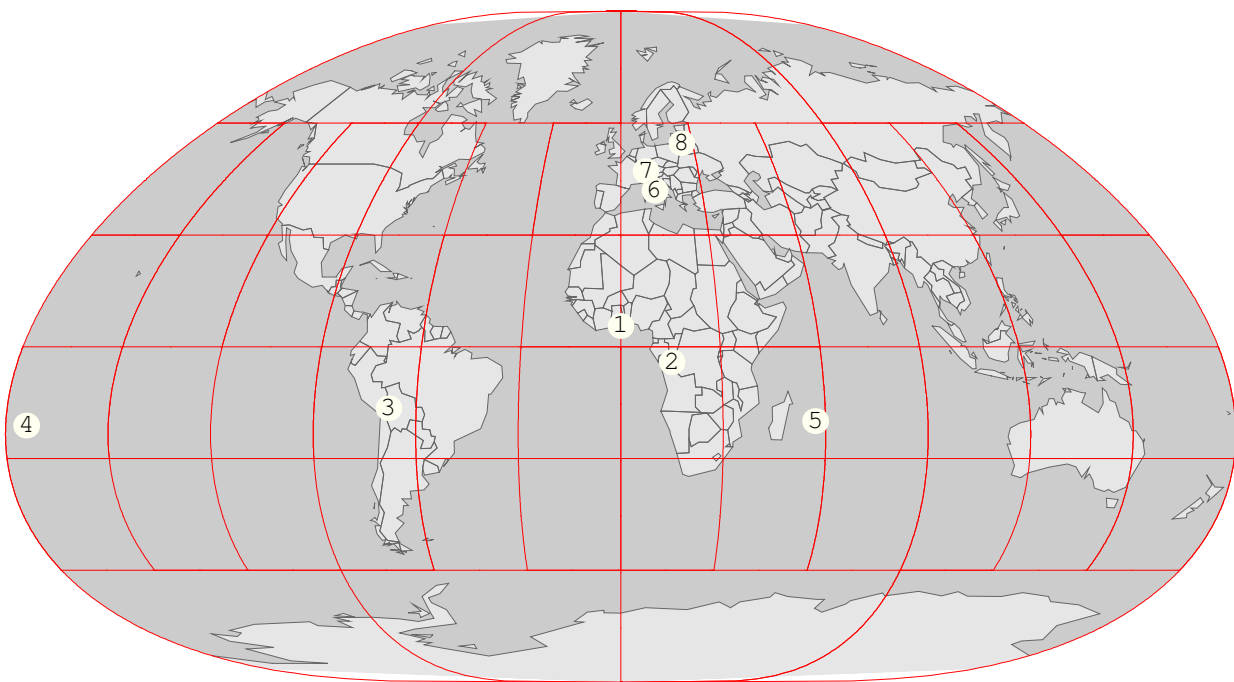
14.

1. Monrovia 2. Noumea 3. Ouagadougou 4. Panama City  
5. Port Moresby 6. Rio de Janeiro 7. Tegucigalpa 8. Agana



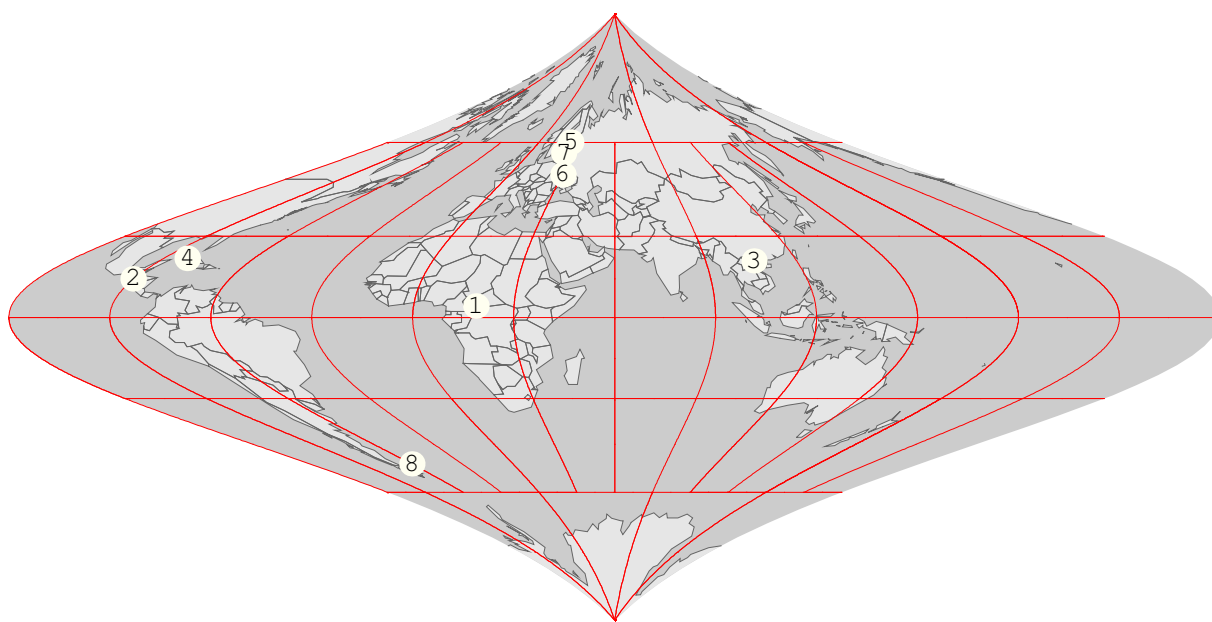
15.

1. Accra 2. Brazzaville 3. La Paz 4. Nuku'alofa  
5. Port Louis 6. Rome 7. Vaduz 8. Vilnius



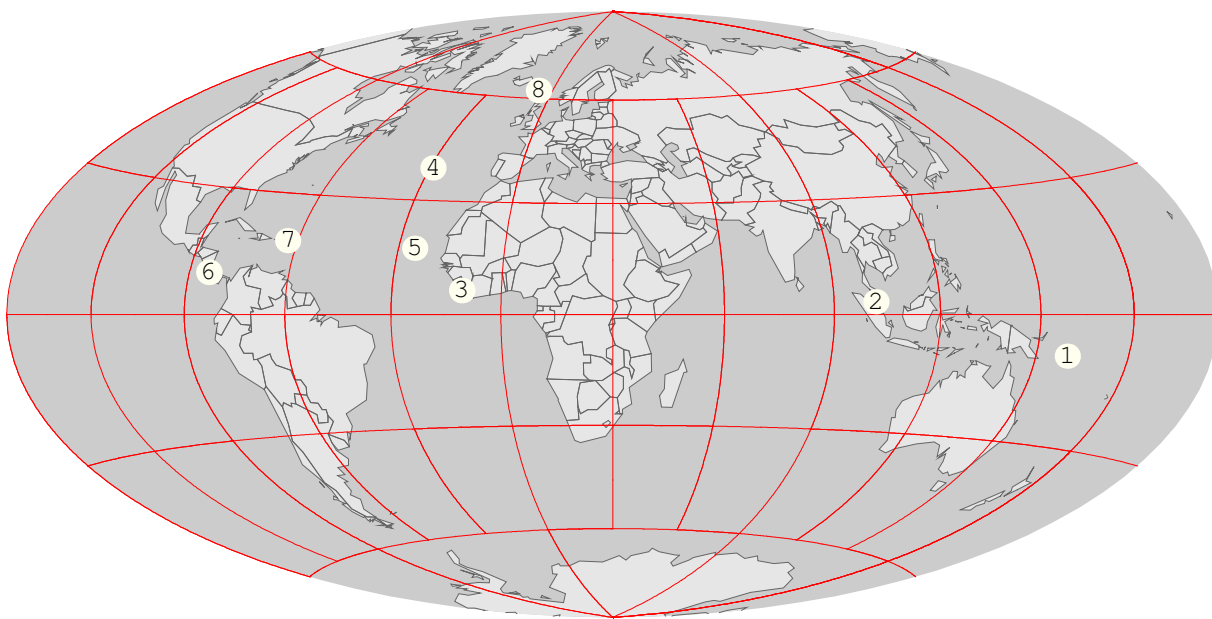
16.

1. Bangui 2. Guatemala City 3. Hanoi 4. Havana  
5. Helsinki 6. Kiev 7. Riga 8. Stanley



17.

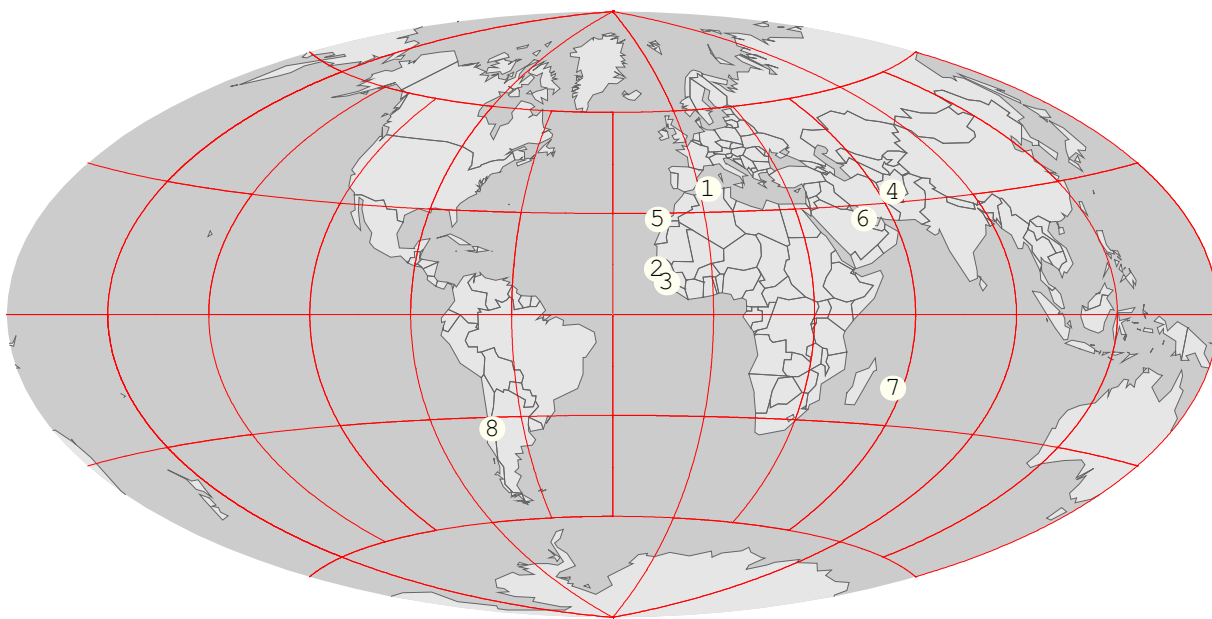
1. Honiara 2. Kuala Lumpur 3. Monrovia 4. Ponta Delgada  
5. Praia 6. San Jose 7. The Valley 8. Torshavn





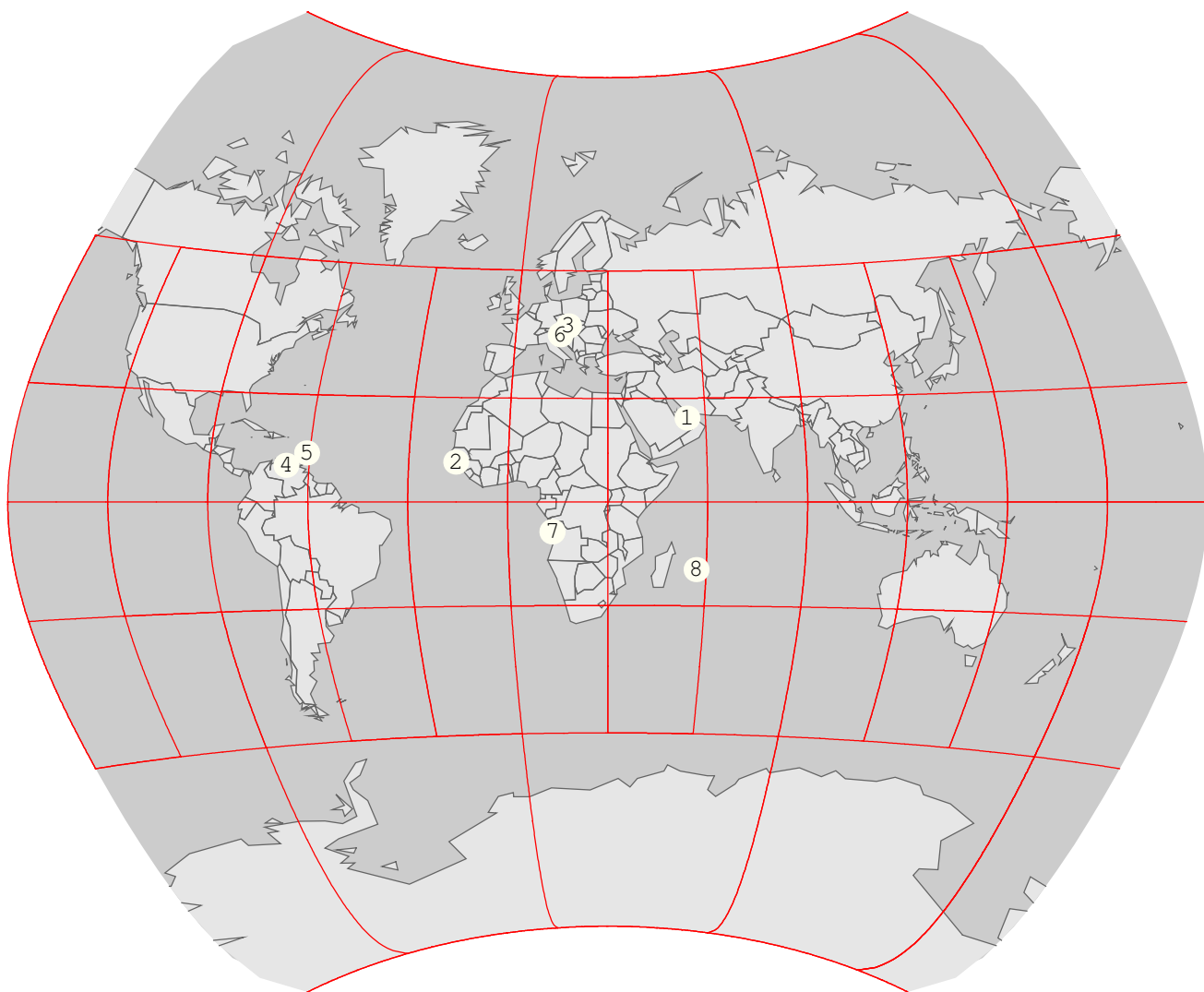
18.

1. Algiers
2. Banjul
3. Conakry
4. Hamilton
5. Las Palmas
6. Manama
7. Port Louis
8. Santiago



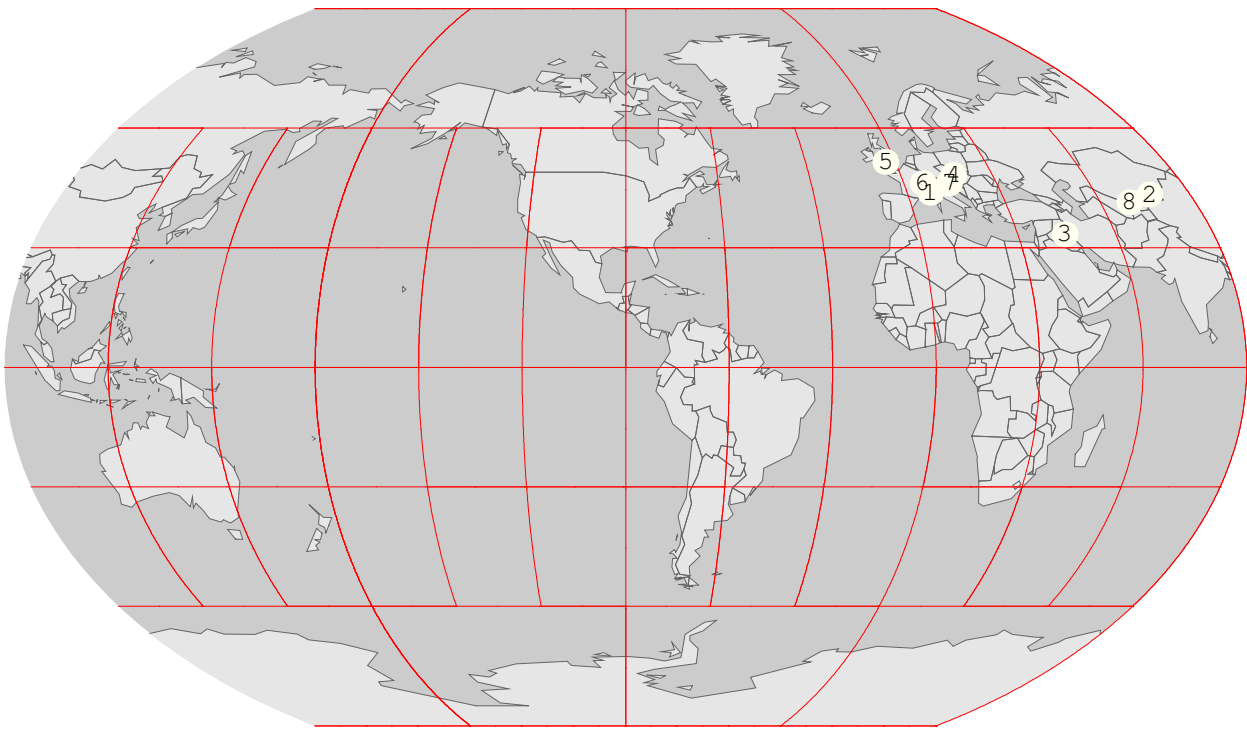
19.

1. Abu Dhabi 2. Bissau 3. Bratislava 4. Caracas  
5. Castries 6. Ljubljana 7. Luanda 8. Port Louis



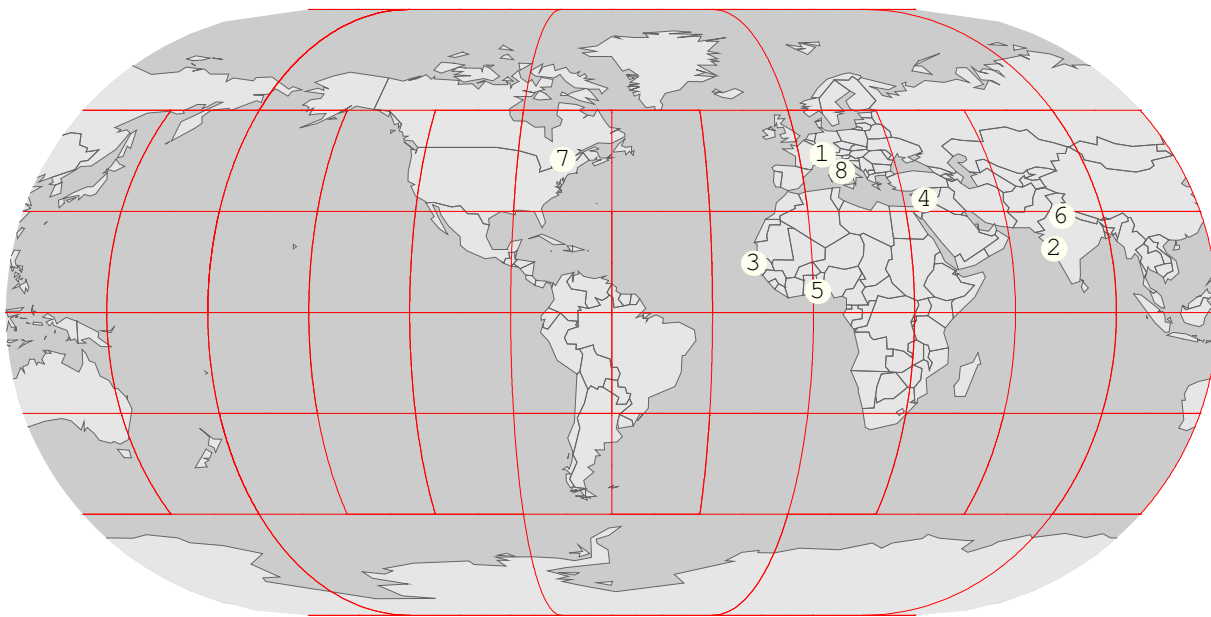
20.

1. Monaco
2. Alma Alta
3. Baghdad
4. Bratislava
5. Cardiff
6. Geneva
7. Ljubljana
8. Tashkent



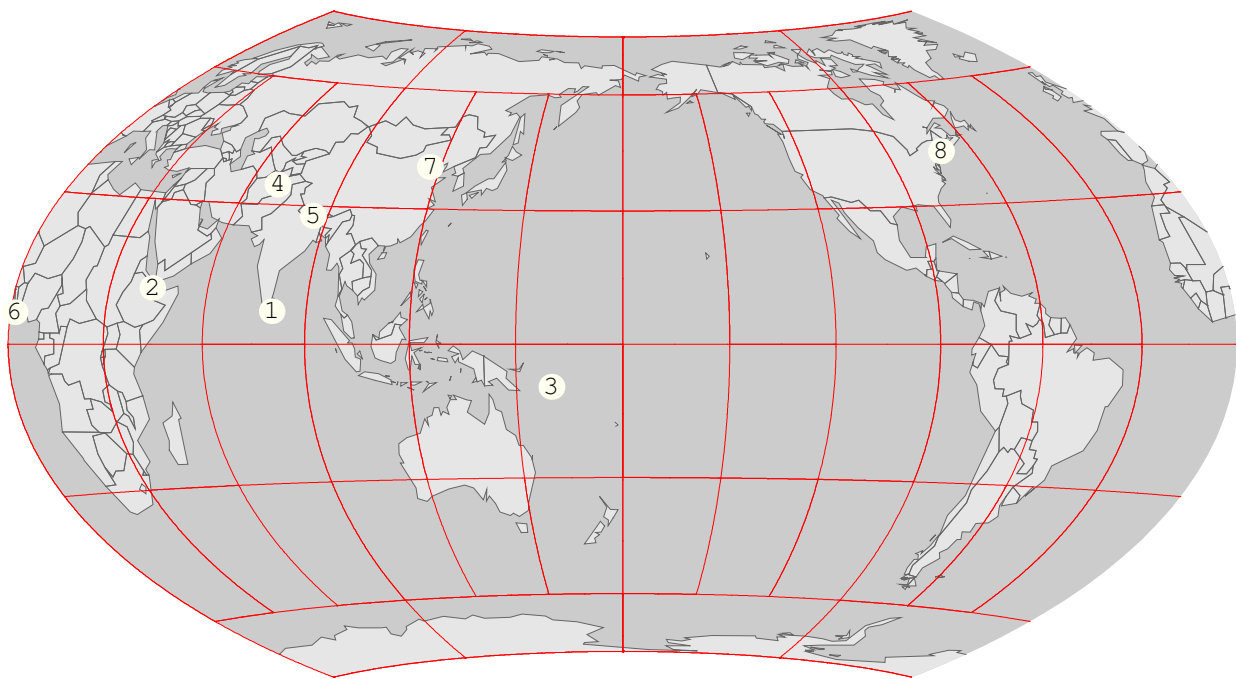
21.

1. Bern 2. Bombay 3. Dakar 4. Damascus  
5. Lome 6. New Delhi 7. Ottawa 8. Rome



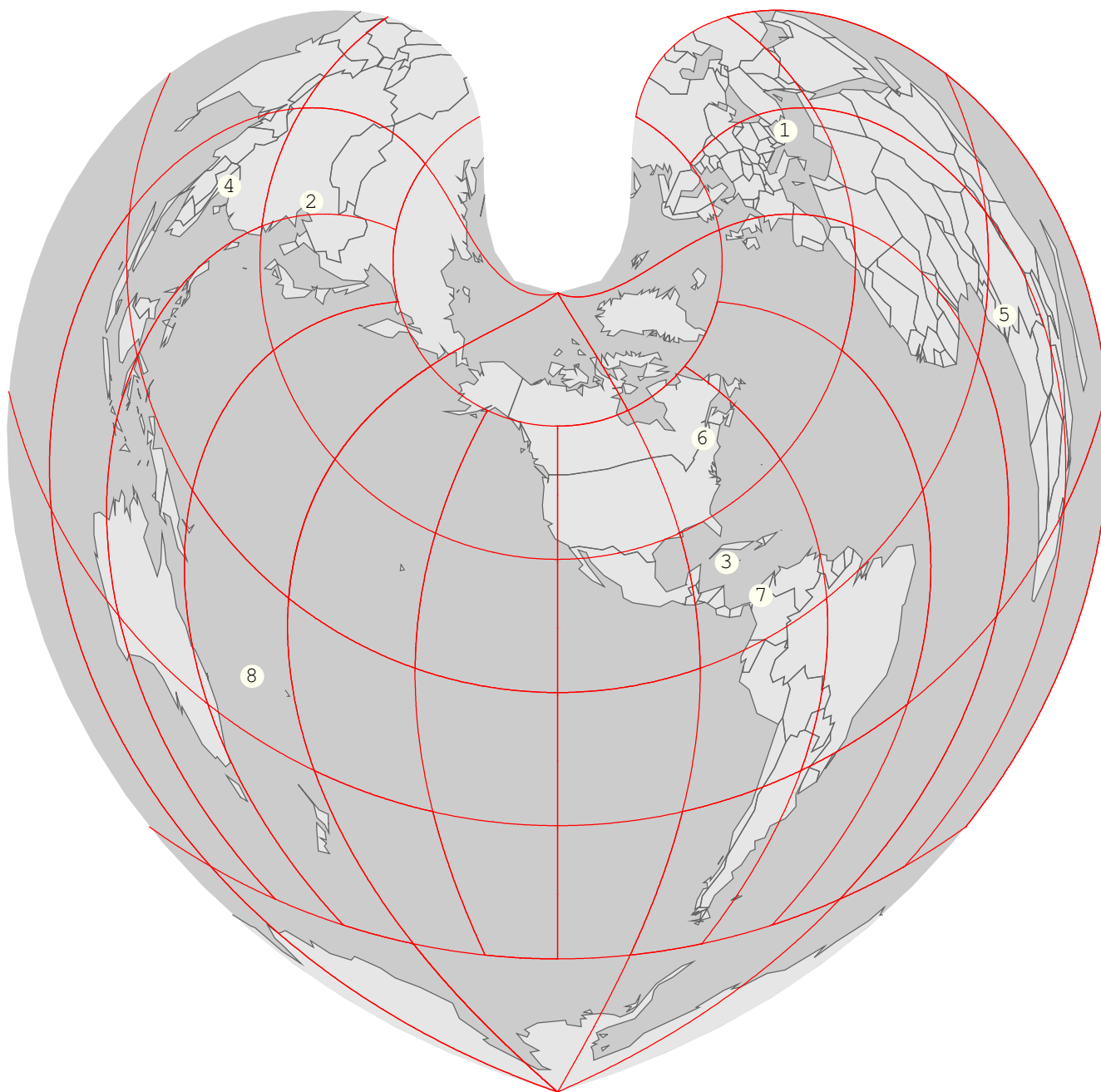
22.

1. Colombo 2. Djibouti 3. Honiara 4. Kabul  
5. Katmandu 6. Lome 7. Peking 8. Boston



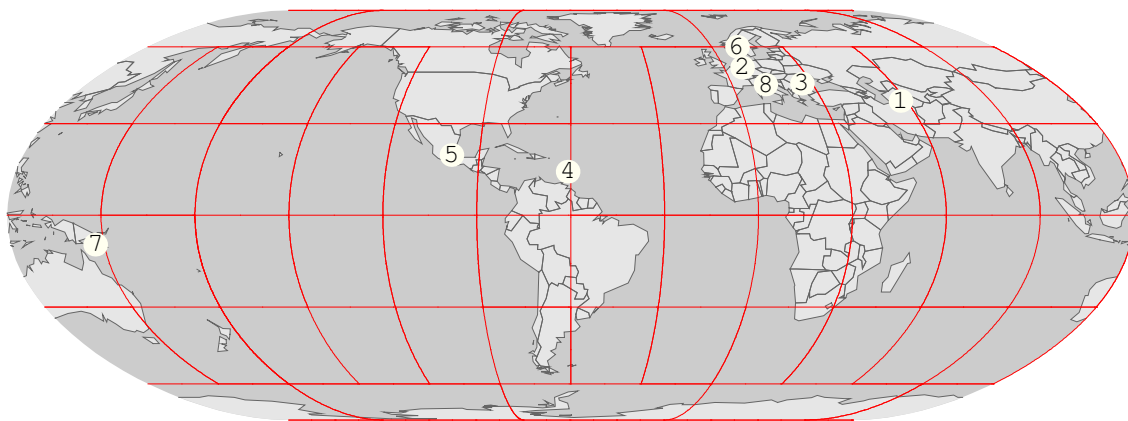
23.

1. Athens 2. Beijing 3. Georgetown 4. Hanoi  
5. Kinshasa 6. Montreal 7. Panama City 8. Port Vila



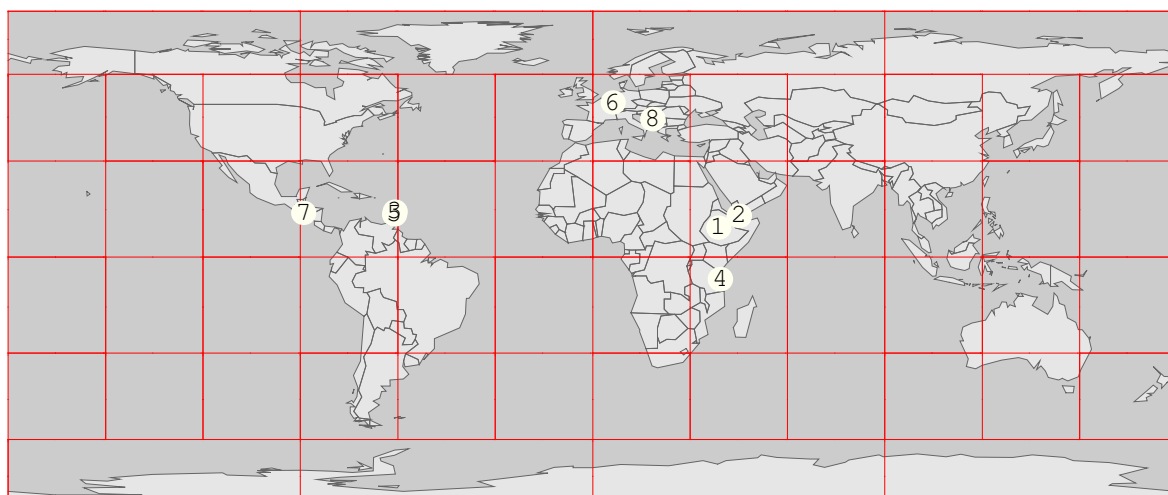
24.

1. Ashkhabad 2. Bonn 3. Bucharest 4. Castries  
5. Mexico City 6. Oslo 7. Port Moresby 8. San Marino



25.

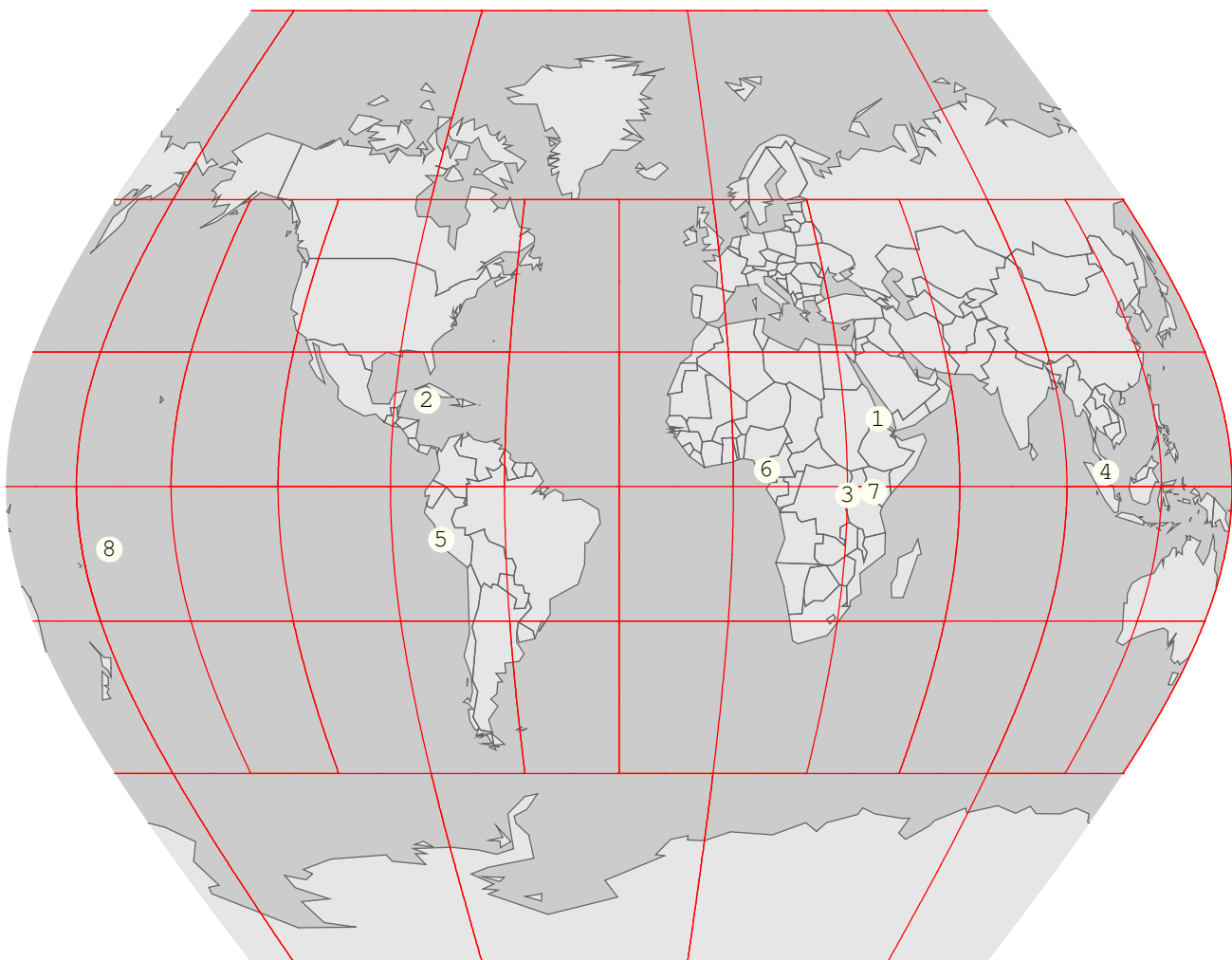
1. Addis Ababa
2. Aden
3. Castries
4. Dar es Salaam
5. Kingstown
6. Luxembourg
7. San Salvador
8. Sarajevo





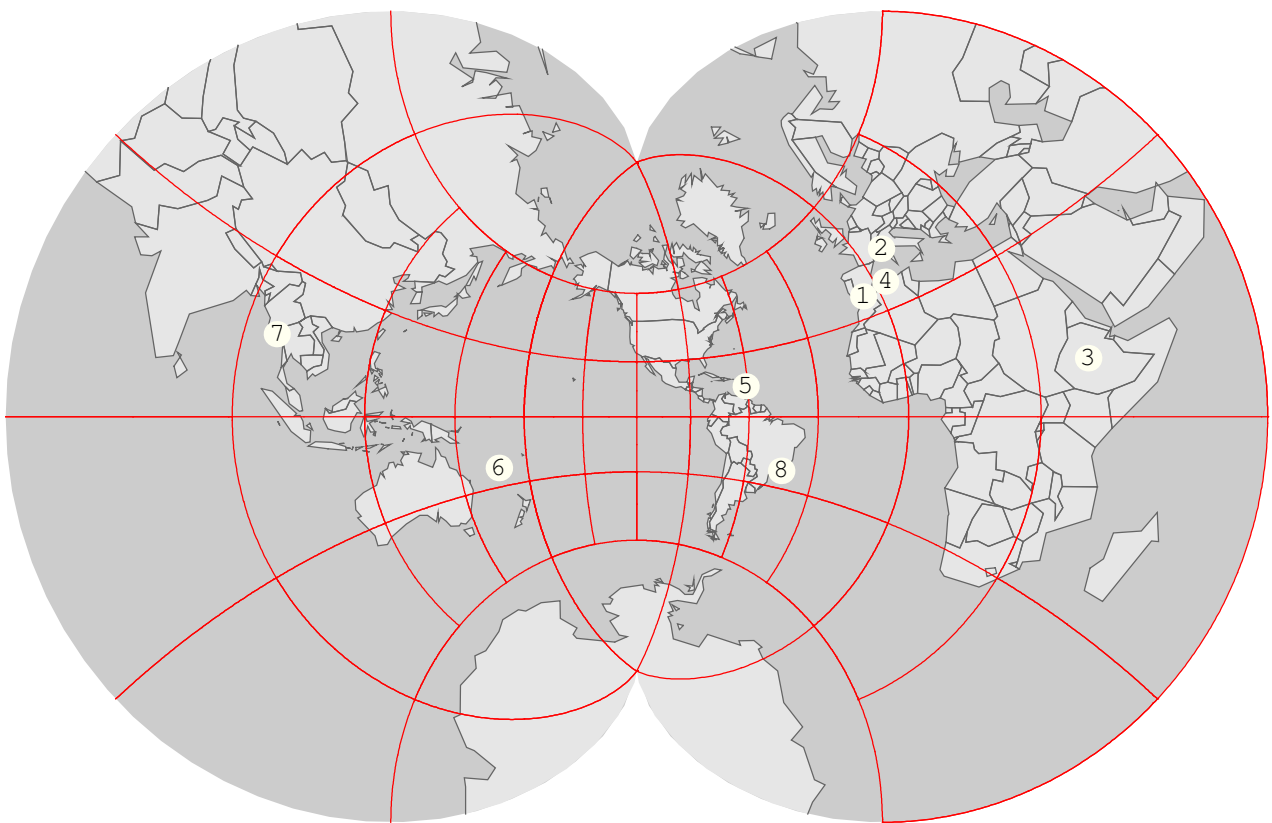
26.

1. Asmera 2. Georgetown 3. Kigali 4. Kuala Lumpur  
5. Lima 6. Malabo 7. Nairobi 8. Pago Pago



27.

1. Gibraltar 2. Monaco 3. Addis Ababa 4. Algiers  
5. Fort-de-France 6. Noumea 7. Rangoon 8. Rio de Janeiro



28.

1. Basseterre 2. Beijing 3. Bern 4. Kigali  
5. Manila 6. Porto-Novo 7. Shanghai 8. Stanley

