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| **About how Far?** |
| |  |  | | --- | --- | | **Scale Map** | **About How Far** | |  | Warsaw to Edinburgh  \_\_\_\_\_ cm  \_\_\_\_\_ km | |  | Glasgow to Aberdeen  \_\_\_\_\_ cm  \_\_\_\_\_ km | |  | Stenhouse to Silverknowes  \_\_\_\_\_ cm  \_\_\_\_\_ km | |  | Tartan House of Scotland to Foot Locker  \_\_\_\_\_ cm  \_\_\_\_\_ km | |
| **Vehicle emissions** |
| |  | | --- | | A plane emits 750 kg of CO2 for a 6500 km journey. | | A boat emits 2000 kg of CO2 for a 400 km journey. If a boat took 16 journeys, that would be almost 6500 km. How many kg of CO2 would there be for 16 journeys? | | A car emits 270 kg of CO2 for an 880 km journey. If a train took 7 and a half journeys, that would be almost 6500 km. How many kg of CO2 would there be for 7 ½ journeys? | | A train emits 72 kg of CO2 for a 1280 km journey. If a train took 5 journeys, that would be almost 6500 km. How many kg of CO2 would there be for 5 journeys? | | A person emits 0 kg of CO2 for a 40 km journey. If a person took 160 journeys, that would be almost 6500 km. How many kg of CO2 would there be for 160 journeys? | |
| **Order the Modes of Transport** |
| Put the modes of transport in order from lowest emission to highest. |
| **Record Your Plan for Marty to Walk the Map Route** |
| How many steps will Marty need for each measured part of the map? |

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| **Describe any bugs or challenges you encountered.** |