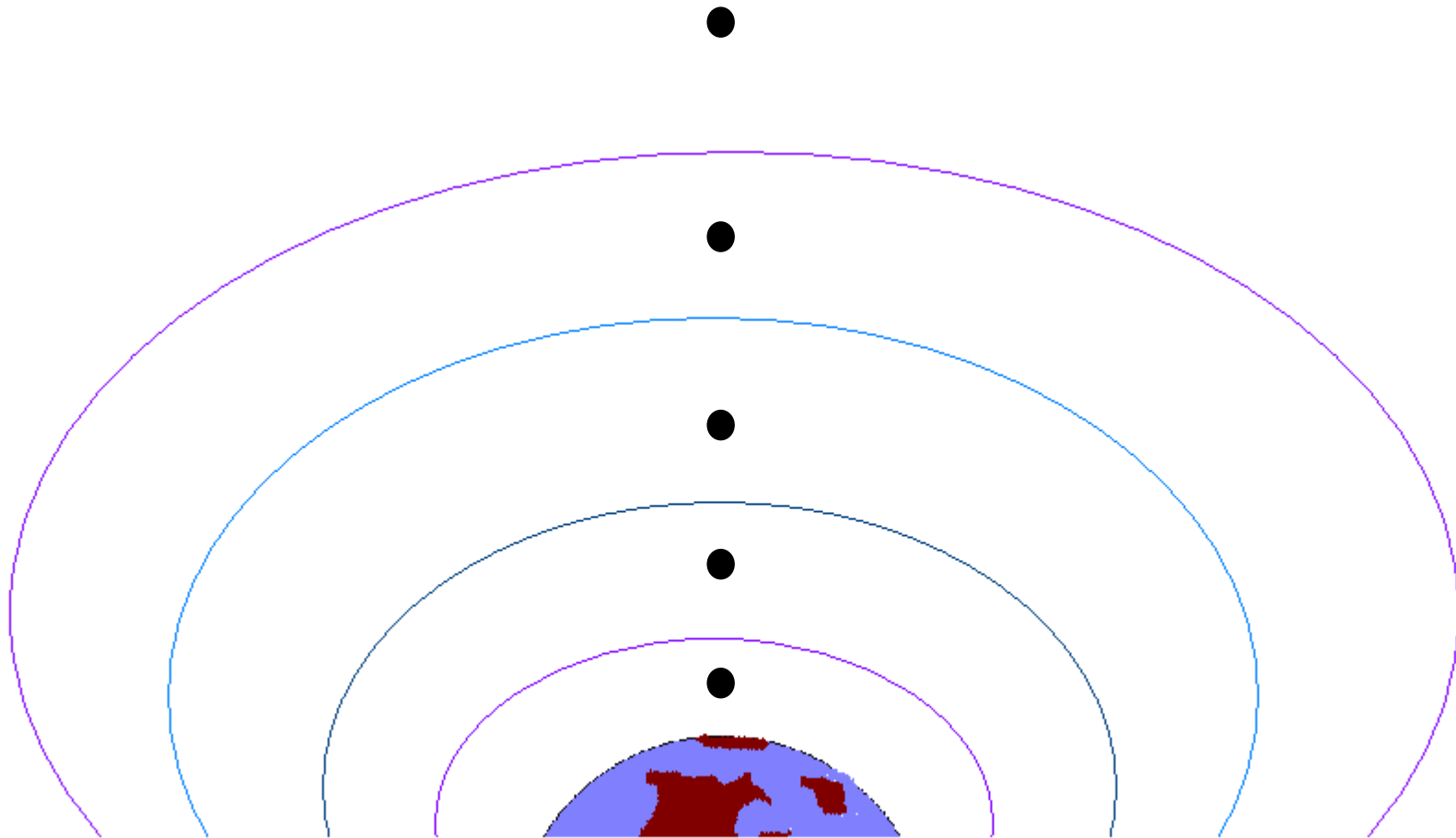


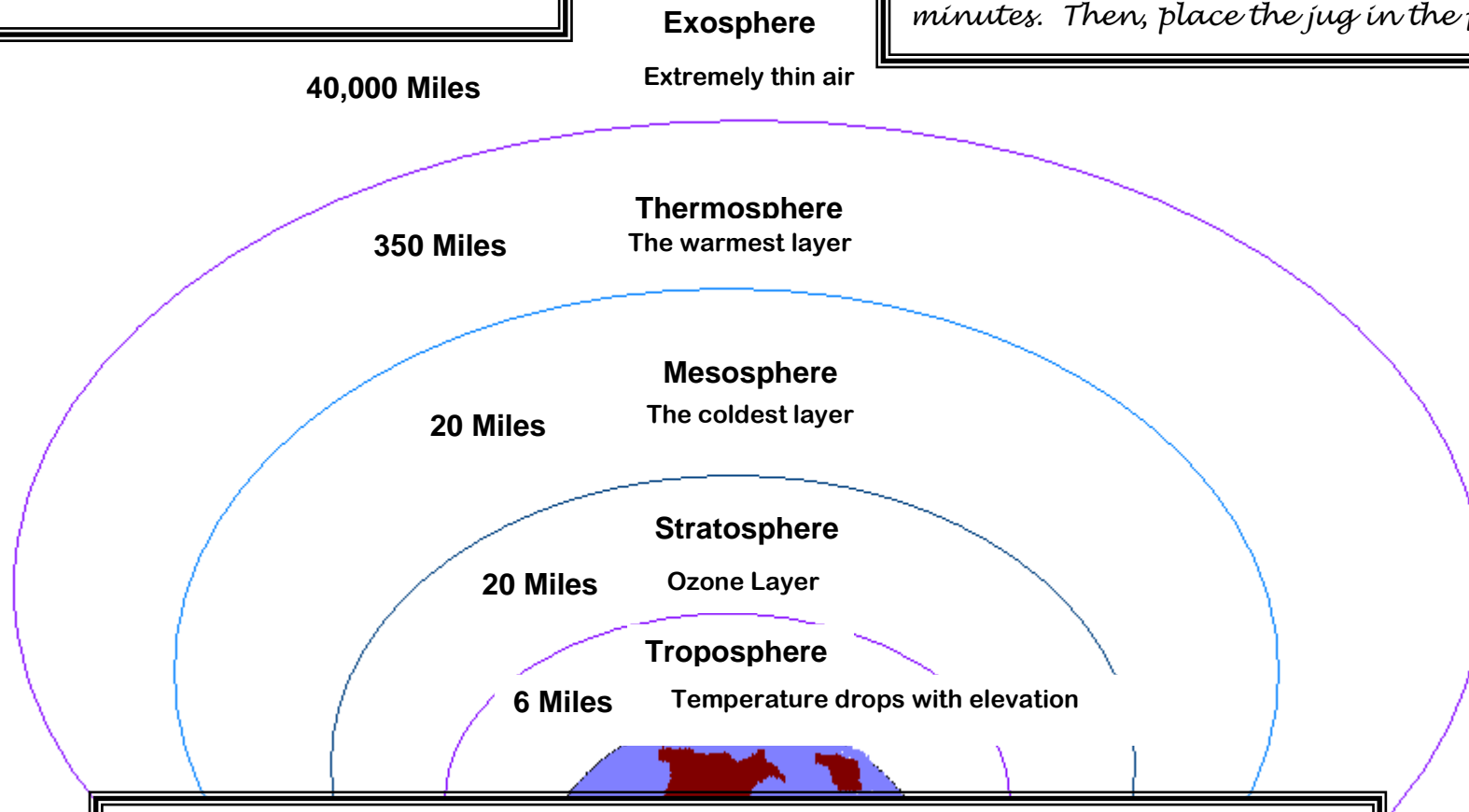
Describe the layers of the atmosphere.



Describe the layers of the atmosphere.

*Make a poster showing the exosphere, thermosphere, mesosphere, stratosphere, and troposphere of the Earth's atmosphere.*

*Experiment of atmospheric pressure and temperature: Get an empty plastic milk jug. Add very hot weather with adult supervision. Seal it and watch what happens over 20 minutes. Then, place the jug in the fridge.*



*Memory Aid: "Exact Thermometers Measure Strategic Tropics."*

## W-9 Information Pieces

<b>Exosphere</b> W-9	<b>Extremely thin air</b> W-9	<b>40,000 Miles</b> W-9
<b>Thermosphere</b> W-9	<b>The hottest layer</b> W-9	<b>350 Miles</b> W-9
<b>Mesosphere</b> W-9	<b>The coldest layer</b> W-9	<b>20 Miles</b> W-9
<b>Stratosphere</b> W-9	<b>Ozone Layer</b> W-9	<b>20 Miles</b> W-9
<b>Troposphere</b> W-9	<b>Temperature drops with elevation</b> W-9	<b>6 Miles</b> W-9

### Exosphere

*To Make Your MatchCard more durable:*

- 1. Put the student MatchCard and instructor MatchCard back to back in a clear plastic page protector.*
- 2. Laminate the information pieces. Or you can make them sturdier by covering the paper with transparent tape prior to cutting the pieces out.*
- 3. For more ideas on how to use the MatchCards, and for keeping a notebook for review, see the Instructor's Guide.*