Mapping Earth's Surface

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| **Across**  **2.** The height above sea level of a point on Earth's surface.  **4.** Process where mapmakers determine distances and elevations using instrument and the princples of geometry.  **5.** A flat model of all or part of Earth's surface as seen from above.  **10.** Relates distance on a map to a distance on Earth's surface .  **11.** The shape of the land that includes the area's elevation, relief, and landforms.  **14.** Imaginary line connecting North and South poles dividing Earth into Western and Eastern hemispheres. | **Down**  **1.** The difference in elevation between the highest and lowest parts of an area.  **3.** Pictures of the Earth's surface made up of thousands of tiny dots called pixels.  **6.** Used by mapmakers and can be shapes or pictures to stand for features on Earth's surface; can stand for a physical feature or a man-made feature.  **7.** Represent elevation, relief and slope and connect points of equal elevation.  **8.** An imaginary line between the North and South Poles dividing the Earth into Northern and Southern hemispheres.  **9.** Is 1/360 of a way around a circle, unit that helps scientists locate positions on Earth's surface.  **12.** A landform that has high elevation and a more or less level surface.  **13.** A feature of topography, such as a hill or valley, formed by the processes that shape Earth's surface. |