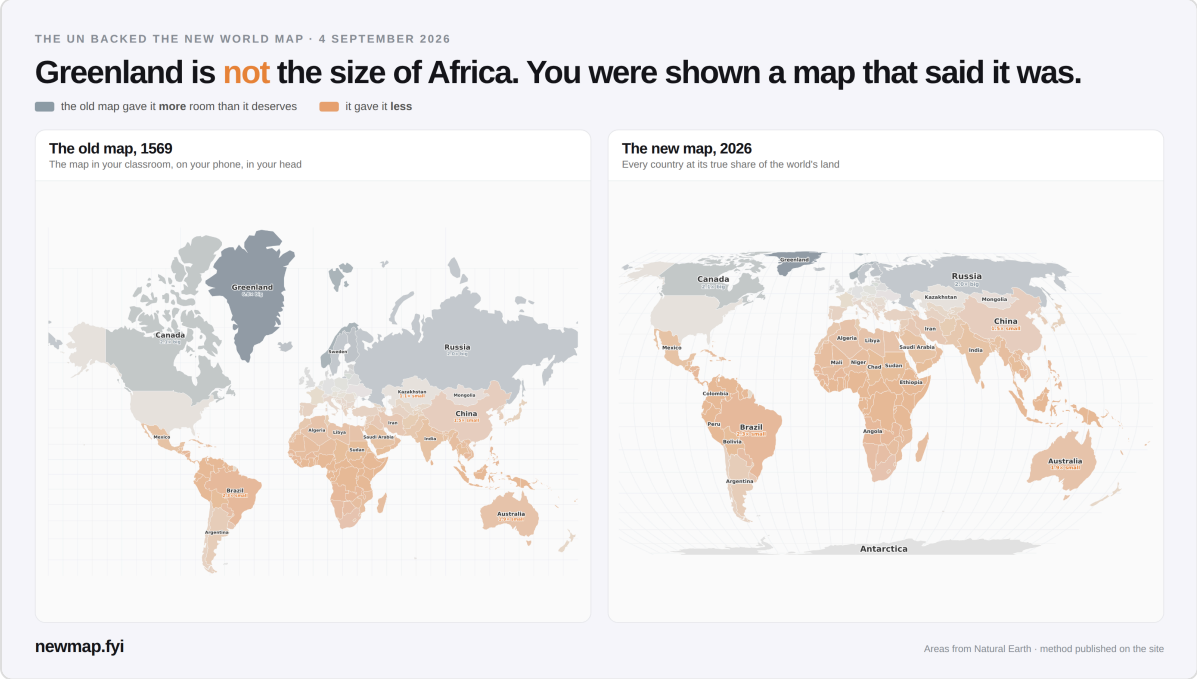
Old map vs new map

Name _____



The map on the left was drawn in 1569 to help sailors steer. The map on the right is the equal-area map the United Nations backed in September 2026. Use the picture and the live map at **newmap.fyi** to answer.

1. On the old map, which looks bigger: **Greenland** or **Africa**? _____ Now look at the new map. About how many times bigger is Africa really? _____
2. Africa is about **22%** of all the land in the world. About what share of the old map does it get? 10% / 22% / 35% (circle one)
3. North America is 18% of the world's land. On the old map it takes up 34%. Is it drawn too big or too small? _____ By about how much? _____
4. Look at where the stretched countries are. Why does the old map make countries near the North and South Poles look bigger?

5. Find these countries at newmap.fyi. Is each one drawn too big or too small on the old map, and by how much?

Country	Too big or too small?	By how much (×)?
Russia		
Brazil		
India		
My own country: _____		

6. The old map is still used by ships and by most phone map apps. When is the old map the right choice? When is the new map better?

Answer key. 1. They look about the same; Africa is about 14× bigger (30.0 million km² vs 2.15 million km²). 2. 10%. 3. Too big, by about 1.9× (almost double). 4. It was made so a straight line is a constant compass direction; to keep that true it stretches land more and more the further it is from the equator. 5. Russia 2.0× too big; Brazil 2.3× too small; India 2.0× too small. 6. Old map: navigation and street maps, where directions and local shapes matter. New map: comparing the sizes of countries and continents.

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