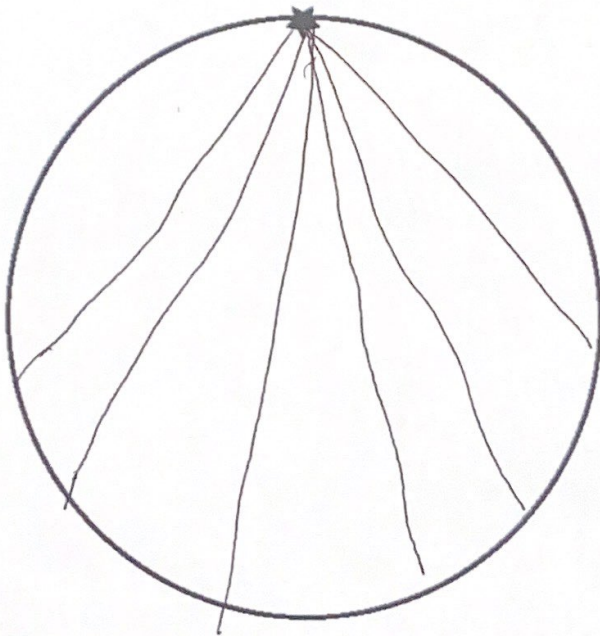
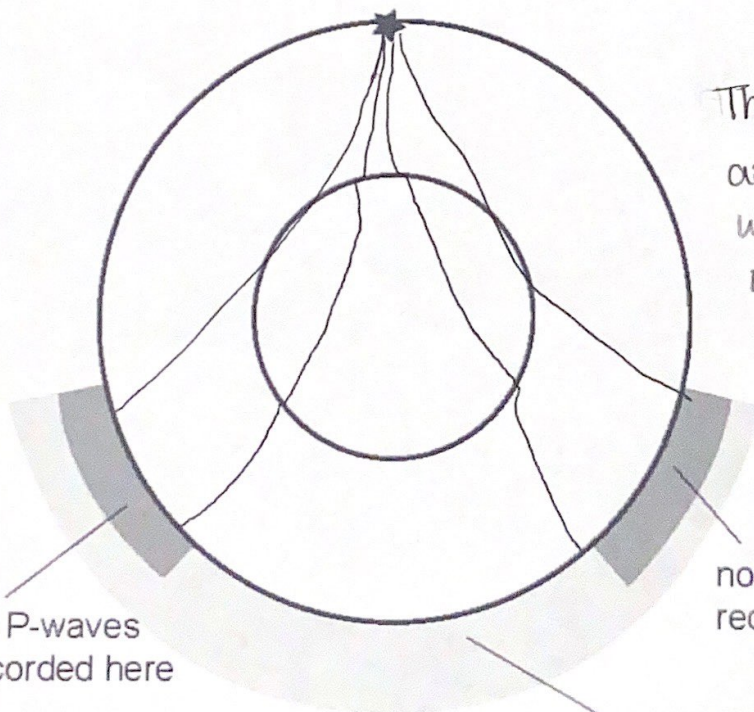


several seismic rays emanating from the earthquake hypocenter (star). Explain your reasoning in the space next to the Earth.



The medium is changing from rigid to liquid and the shear modulus is becoming 0 and velocity is decreasing

What we actually find is that P and S waves are not always transmitted through the whole Earth. Instead there are shadow zones, where these arrivals are missing. Draw in ray paths that could explain the shadow zones and think about what has to happen inside Earth to explain these patterns.



The medium becomes zero as it is in liquid state within that medium the S wave will not pass.

no P-waves recorded here

no P-waves recorded here