

## ④ What is the driving force behind the movement of the plate?

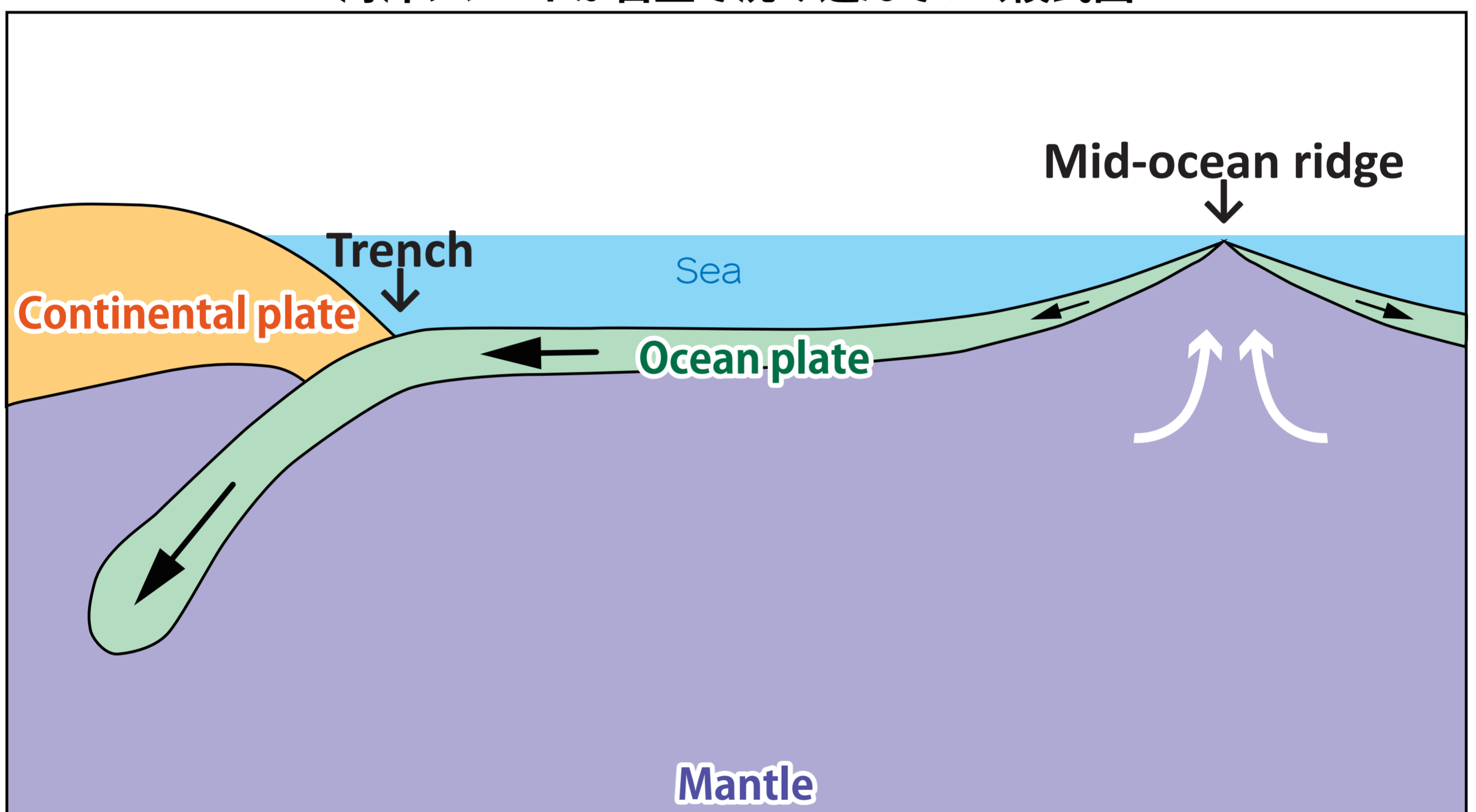
There are two types of plates, ocean plates and continental plates.

The ocean plate is born in the mid-ocean ridge and sinks inside the earth in the trench.

The ocean plate is warm and thin when it's just born, but when it gets cold, it gets thicker and heavier, then it sinks from the trench.



海洋プレートが自重で沈み込んでいく模式図



The continental plate is made of lighter rocks than the oceanic plate, so subduction is less likely to occur.

