

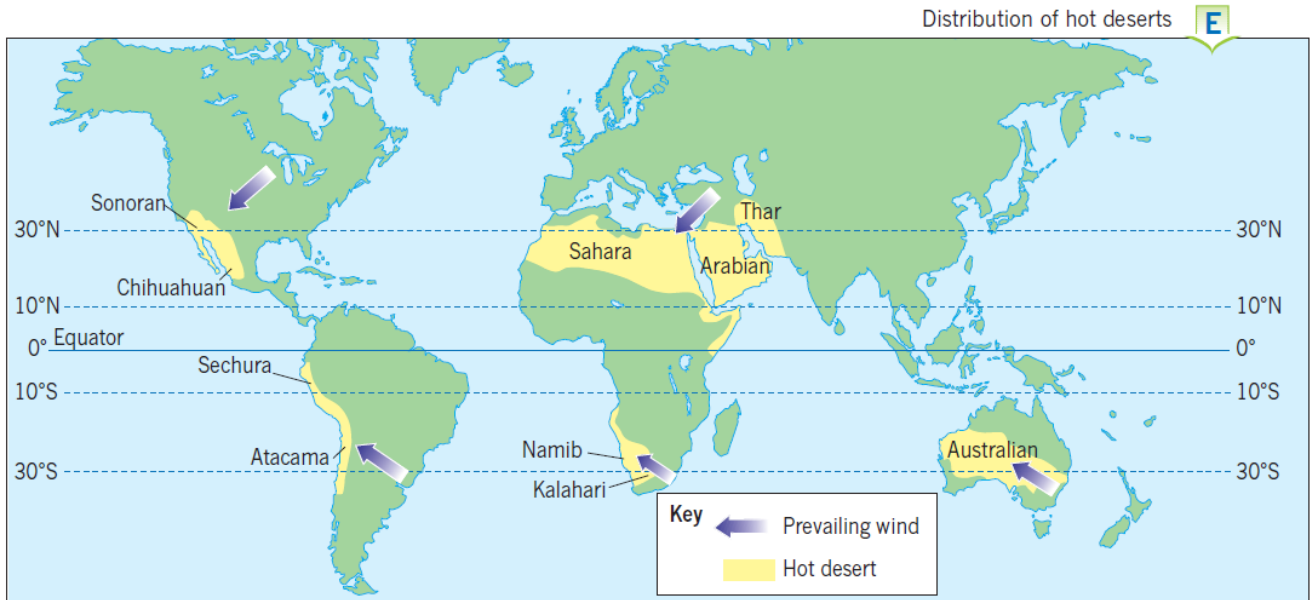
**Name:**

**Teacher:**

**Title: What is a desert?**

**Task 1:** Using the map below, describe the distribution of deserts around the world.

**Distribution = the pattern/location**



Majority of deserts are located between the Tropic of \_\_\_\_\_ and the \_\_\_\_\_.

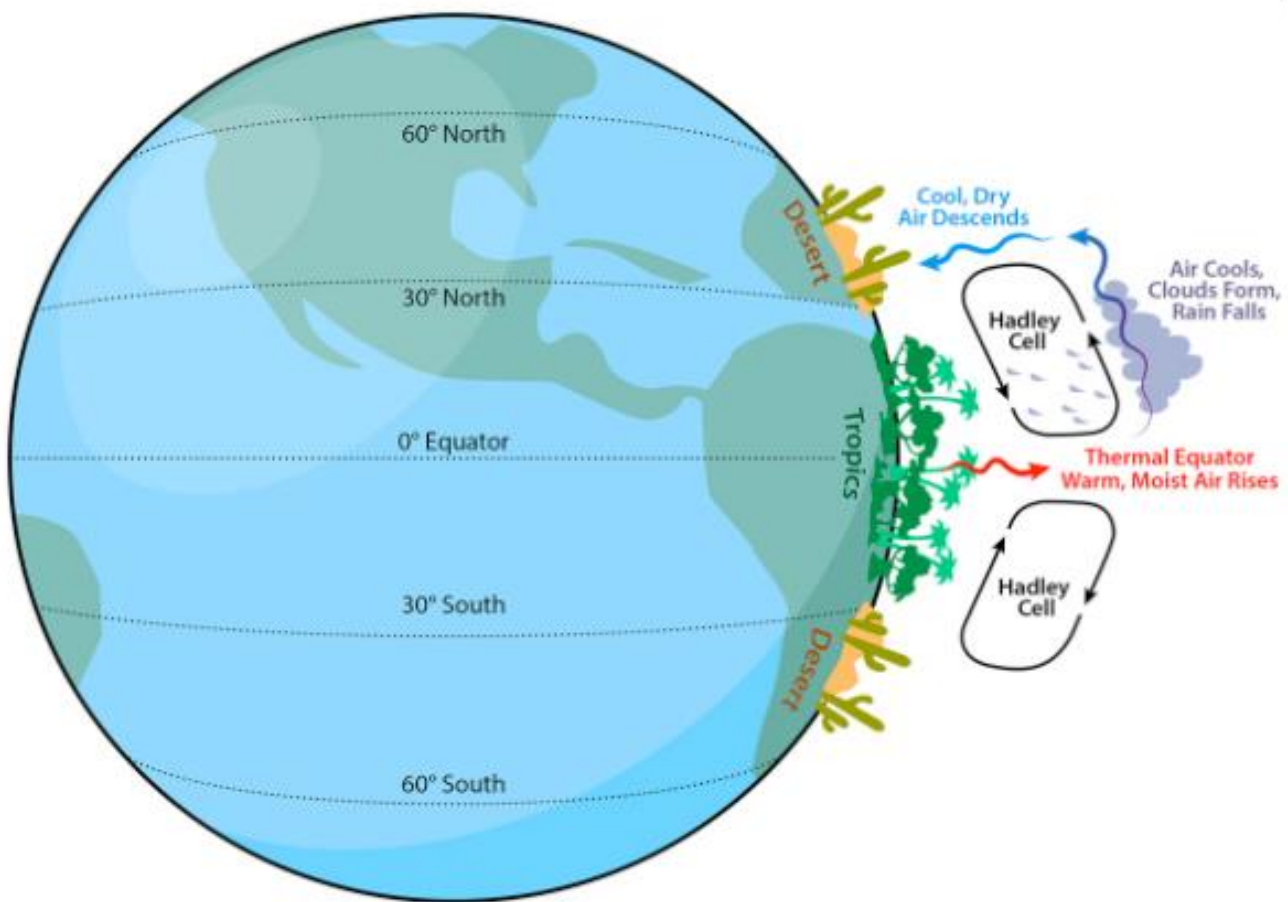
For example, the Sahara Desert is located just south of \_\_\_\_\_, whilst the \_\_\_\_\_ desert is found 30°S.

There are three deserts in the continent of \_\_\_\_\_, but Australia only has \_\_\_\_\_. The continent of South America has two deserts, called \_\_\_\_\_.

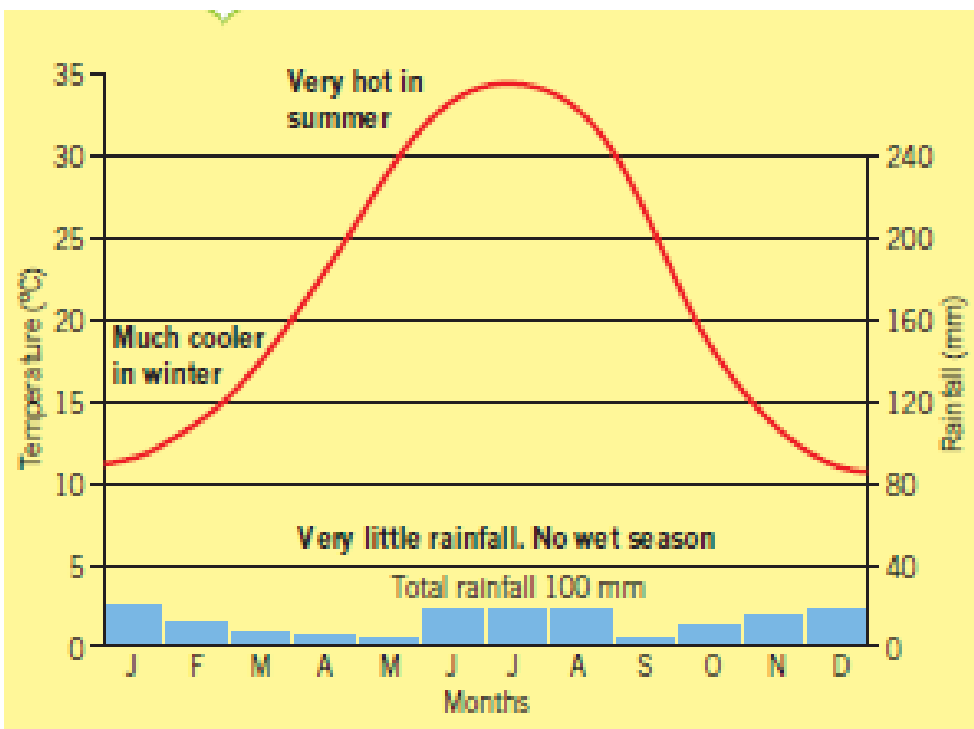
**Task 2:** Complete the gap fill to explain how Hadley cells create deserts – use the image on the next page to help you.

As **w** \_\_\_\_\_ rises from the **E** \_\_\_\_\_, **c** \_\_\_\_\_ rainfall occurs. The air soon reaches the top of the **a** \_\_\_\_\_ and is forced away from the Equator. The air cools and sinks creating a \_\_\_\_\_ (dry) air along the Tropic of Cancer and Tropic of **C** \_\_\_\_\_. **H** \_\_\_\_\_ cells circulate the air from the Equator to the tropics, helping form **d** \_\_\_\_\_.

**Key words:** Equator    warm    convectional    atmosphere    Capricorn  
Hadley    deserts    sinks    arid



**Task 3:** The graph below shows you a climate graph – a graph made up of **temperature (°C)** and **precipitation (mm)**. Answer the questions below using the climate graph.



1. What is the hottest month in a desert?  
\_\_\_\_\_
2. What is the coolest month in a desert?  
\_\_\_\_\_
3. Which three months have the highest rainfall? How do you know this? (*hint: what value is it from the graph*)  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

4. Which month has an average temperature of 25°C and precipitation (rainfall) of 5 mm? \_\_\_\_\_



