Biome Activity
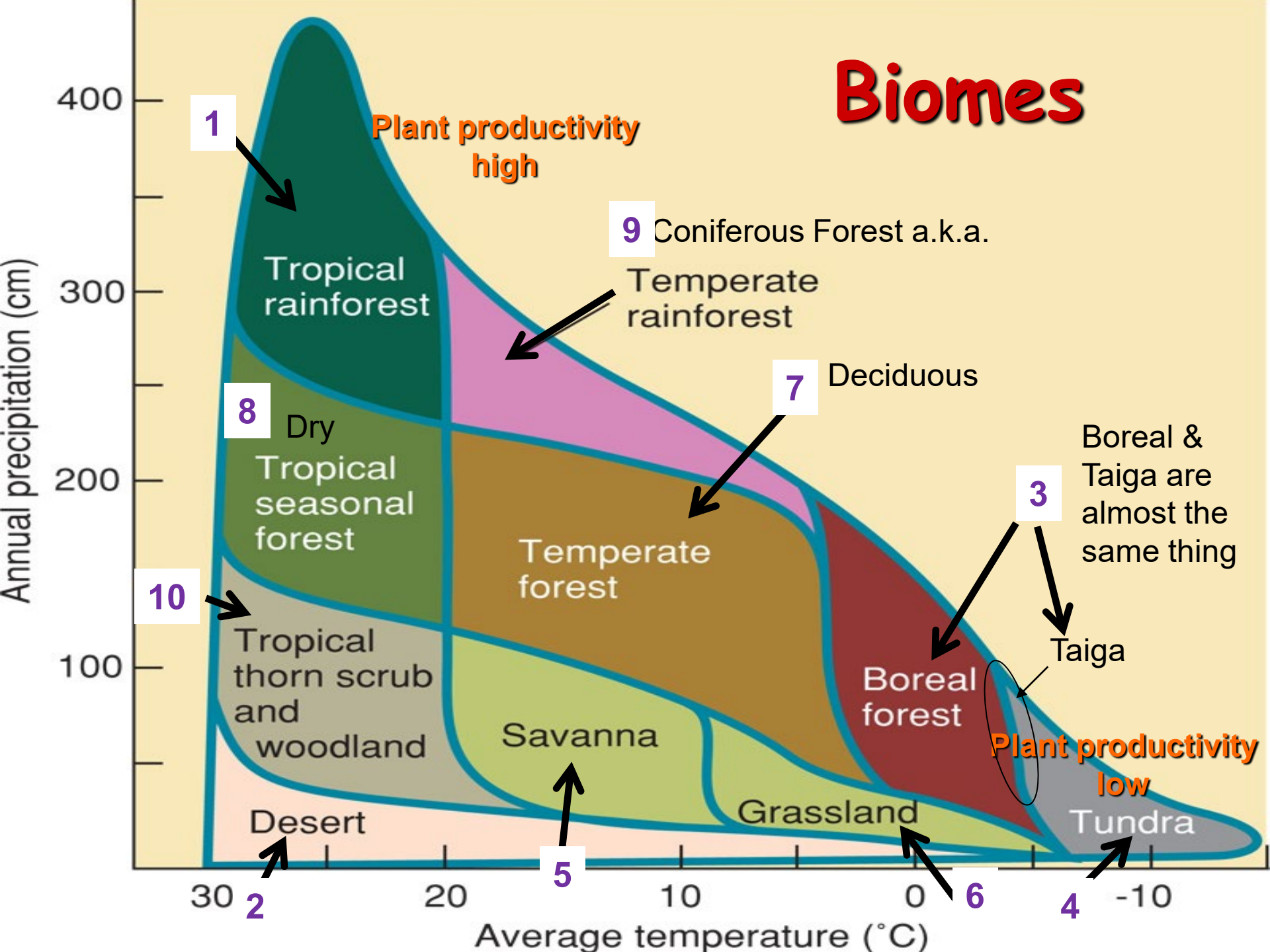
Pick or Roll a dice from 1 to 10

Then look at the chart on the next page to see which BIOME you have.

Biomes

Plant productivity high

400 — Annual precipitation (cm)

1 → Tropical rainforest

9 Coniferous Forest a.k.a.

Temperate rainforest

300

Deciduous

8 Dry Tropical seasonal forest

7 → Temperate forest

Boreal & Taiga are almost the same thing

200

3 →

10 → Tropical thorn scrub and woodland

Taiga

100

Savanna

Boreal forest

Plant productivity low

Desert

Grassland

Tundra

2 ↘   **5** ↑   **6** ↘   **4** ↗

30   20   10   0   -10

Average temperature (°C)

Biome Survival Activity

Plane Crash Incident Report:

Your small plane crashed in a biome (that you selected) approximately 150 kilometers (93.2 miles) from the nearest town. The pilot was killed in the crash, but you and the other passengers survived.   It is January and the temperature is normal (average) for that area during that time of year. The plane is completely wrecked, but the following items are scattered around the crash site

NOTE: 20 miles/day is about what an average person can walk in a day.

40 miles is hard walk and pushing it!

Biome Survival Activity

Crash site items:

Pick ONLY 5 items from the plane crash that you want to recover to help you survive. Be sure to consider natural resources, biotic and abiotic, available in your biome when selecting these items

☼ compass	☼ can of vegetable oil	☼ 1 gallon of drinkable water
☼ 7 newspapers	☼ 6 chocolate bars	☼ 1 blanket
☼ a small amount of steel wool	☼ 6 m x 6 m tarp	☼ Plastic bucket (1 gal)
☼ hatchet	☼ 4 shirts and 4 pairs of pants	☼ volleyball
☼ map of the area	☼ 1 cigarette lighter	☼ 1 first aid kit
☼ pistol with 10 bullets	☼ 1 quart of rubbing alcohol	☼ 4"x4" plastic Tupperware container

Biomes

A few things are not available:

A. The cabin of the plane – it was destroyed

B. Leaving the area – don't ask why; it's just a rule

C. Someone "not" surviving – everyone makes it in this game

Biomes

Part 1: Characteristics of your biome.

In order to survive in your biome, you will need to know more about it. DO your research and complete your report sheet

Biomes

Part 2: How to use the compass (daily activity).

Describe your group's day to day plan for survival at the crash site in the space below. Try to think about the items available in your biome and from the plane. Be specific enough to demonstrate that you understand the resources available in your biome. The more detail you provide the better. You are trying to survive so the more things you can figure a use for the better off you will be.

Biomes

Part 3. Conclusion Questions:

Answer the questions at the end of your packet