

Name _____

Form _____

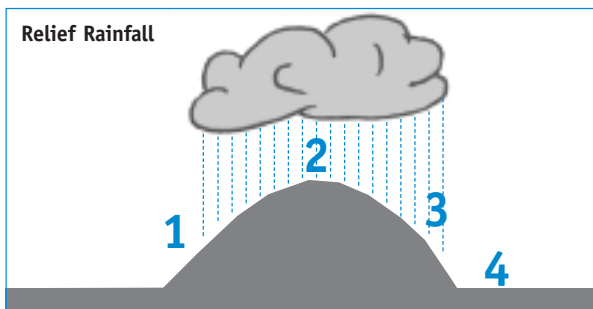
PLANET EARTH PRECIPITATION PREVAILING WINDS

1. What is precipitation? – Add the missing words from this list:

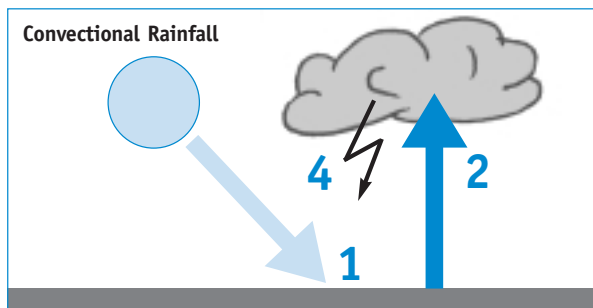
moisture · snow · cools · droplets · rain (2x) · condensation · hail · arger · clouds · condenses · sleet

Precipitation is any form of that falls to the earth. This includes,, and, Precipitation occurs when water vapour When the air reaches the point the water vapour and forms tiny of water. These tiny droplets of water form If the water droplets join to make drops, they will fall as

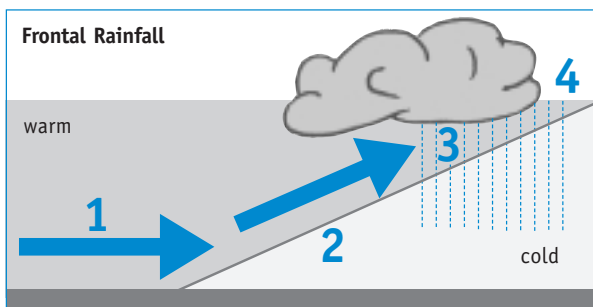
2. Below you can see three diagrams showing different types of rainfall. With the help of the film and the ideas in the boxes next to each diagram, explain these three types. Don't forget to put the sentences in the right order!



- () The drier air descends and warms.
- () Warm wet air is forced to rise over the mountains or high land.
- () Any moisture in the air (e.g. cloud) evaporates.
- () As the air rises, it cools and condenses. Clouds form and precipitation occurs.



- () When the condensation point is reached, large cumulonimbus clouds are formed.
- () The sun heats the ground and warm air rises.
- () Heavy rainstorms occur. These usually include thunder and lightning.
- () As the warm air rises it cools and water vapour condenses to form clouds.



- () An area of warm air meets an area of cold air.
- () Where the air meets, the warm air is cooled and water vapour condenses.
- () Clouds form and precipitation occurs.
- () The warm air is forced over the cold air.