Science Test – Chapter 10 Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Matching: Match each term with the correct definition

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| 1. \_\_\_\_ air mass
 | 1. An electrical discharge that occurs either between clouds or between a cloud and the ground
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| 1. \_\_\_\_ cyclone
 | 1. A breeze that blows from shore to sea, usually during the night
 |
| 1. \_\_\_\_ front
 | 1. Name given to hurricanes that occur in the Pacific region
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| 1. \_\_\_\_ hurricane
 | 1. A hurricane in the region of the Indian Ocean; the effect of wind circling an area of low pressure; general term for any low-pressure area
 |
| 1. \_\_\_\_ land breeze
 | 1. Giant windstorms that form over the tropical oceans near the equator
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| 1. \_\_\_\_ lightning
 | 1. A line of violent thunderstorms that sometimes accompanies an advancing cold front
 |
| 1. \_\_\_\_ monsoon
 | 1. A tornado occurring at sea
 |
| 1. \_\_\_\_ sea breeze
 | 1. A huge body of air having relatively uniform temperature and humidity and covering hundreds or thousands of square kilometers
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| 1. \_\_\_\_ squall line
 | 1. A wind system that reverses directions periodically and thus brings periodic changes in climate over a large region
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| 1. \_\_\_\_ tornado
 | 1. Boundary between air masses that do not mix
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| 1. \_\_\_\_ typhoon
 | 1. A breeze that blows from the sea to the shore, usually during the day
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| 1. \_\_\_\_ waterspout
 | 1. A narrow, funnel-shaped cyclonic windstorm extending down from a cumulonimbus cloud
 |

True or false: Determine whether each statement is true or false.

1. \_\_\_ Precipitation often occurs when two air masses meet.
2. \_\_\_ A boundary between two air masses is called a front.
3. \_\_\_ The main cause of wind is the gravitational pull from the moon.
4. \_\_\_ Winds are generally named by the direction from which they are blowing from.
5. \_\_\_ Snow storms are the most common type of storm.
6. \_\_\_ The top of a thunderhead is usually round.
7. \_\_\_ One of the destructive forces of a tornado is the high winds.
8. \_\_\_ One of the destructive forces of a hurricane is high tides
9. \_\_\_ The safest place to be during a hurricane is on the roof so that you can avoid the high tides.
10. \_\_\_ The name given to the center of a hurricane is the eye.

List: Complete each of the following lists.

List the three great destructive forces of a tornado.

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

List the three types of major storms.

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_