

Name: \_\_\_\_\_ Date: \_\_\_\_\_

## **COLD FRONTS and WARM FRONTS**

Write the letter A or B on each line.

**A = Cold Front**

**B = Warm Front**

- \_\_\_\_\_ 1. Cool air mass - warm air mass moves in.
- \_\_\_\_\_ 2. Warm air mass - cool air mass moves in.
- \_\_\_\_\_ 3. Brings gentle rains that may last for hours or days.
- \_\_\_\_\_ 4. Strong winds are formed followed by heavy rain, crashing thunder, and flashing lightning.
- \_\_\_\_\_ 5. When the front passes, the temperature warms up and it becomes humid.
- \_\_\_\_\_ 6. When the front passes, the weather turns cooler.
- \_\_\_\_\_ 7. Tornadoes could occur.
- \_\_\_\_\_ 8. Farmer Brown prefers this type of front.
- \_\_\_\_\_ 9. Usually happens and is over with quickly.

Draw a diagram of a warm front (10 points total). Draw and label the warm air mass (2 points), the cool air mass (2 points), an arrow to show which one is moving into the area (2 points), an arrow showing which air mass will rise up and which air mass will sink under (2 points each) Neatness counts.

Bonus: Explain the phrase "It's raining cats and dogs!".

Evaluation: See worksheet.

## ANSWER KEY

A - Cold Front

B = Warm Front

- B   1. Cool air mass - warm air mass moves in.
- A   2. Warm air mass - cool air mass moves in.
- B   3. Brings gentle rains that may last for hours or days.
- A   4. Strong winds are formed followed by heavy rain, crashing thunder, and flashing lightning.
- B   5. When the front passes, the temperature warms up and it becomes humid.
- A   6. When the front passes, the weather turns cooler.
- A   7. Tornadoes could occur.
- B   8. Farmer Brown prefers this type of front.
- A   9. Usually happens and is over with quickly