

Weather Checkup

Compare weather reports made at one time.

3.10.A "compare and describe day-to-day weather in different locations at the same time, including air temperature, wind direction, and precipitation;"

NAME _____

DATE _____

1 READ AND MARK _____ Read it twice

YOUR JOB Underline each air temperature and circle only the direction each wind came from. In paragraph 2, number the three precipitation-report sentences: write 1 by Pine's snow sentence, 2 by Lake's rain sentence, and 3 by Desert's no-precipitation sentence.

Three Morning Reports

- ① At 8:00 a.m. on Tuesday, three weather teams checked the sky at their schools. The teams used thermometers to find air temperature and watched flags to tell where the wind came from. They also looked for precipitation, water that falls from clouds. Their reports show that weather can be different at the same time in nearby towns today.
- ② At that time, Pine School in Hilltown reported an air temperature of 48°F. Its wind came from the north. Snow was falling there. Lake School in Riverton reported 63°F. Its wind came from the south. Rain was falling there. Desert School in Sandville reported 72°F. Its wind came from the west. No precipitation was falling there during the check.
- ③ These reports were made at the same time, so the teams could compare them fairly. Desert School had the warmest air, while Pine School had the coldest air. The wind directions were not alike. North, south, and west are the directions the winds came from at each school. Pine had snow that morning, Lake had rain, and Desert had no precipitation.

2

ANSWER WITH EVIDENCE

Use the passage

1

Which school had the warmest air? Which school had the coldest air?

2

How much warmer was Lake School than Pine School?

3

Compare the wind at Pine School and Desert School. Where did each wind come from?

4

Compare Lake School and Desert School. Tell their air temperatures, wind source directions, and precipitation.

3

YOUR TURN

Your own words

Invent weather reports for two different places at 4:00 p.m. Fill in the table with an air temperature, the direction each wind comes from, and precipitation. Then write one sentence that compares the two places.

PLACE	AIR TEMPERATURE	WIND COMES FROM	PRECIPITATION

PART 1 • READ AND MARK

Underline each air temperature and circle only the direction each wind came from. In paragraph 2, number the three precipitation-report sentences: write 1 by Pine's snow sentence, 2 by Lake's rain sentence, and 3 by Desert's no-precipitation sentence. Accept any marking that follows this job and points at the right text.

PART 2 • ANSWERS

#	QUESTION	ANSWER
1	Which school had the warmest air? Which school had the coldest air?	Desert School had the warmest air. Pine School had the coldest air.
2	How much warmer was Lake School than Pine School?	Lake School was 15°F warmer than Pine School.
3	Compare the wind at Pine School and Desert School. Where did each wind come from?	Pine School's wind came from the north. Desert School's wind came from the west.
4	Compare Lake School and Desert School. Tell their air temperatures, wind source directions, and precipitation.	Lake School had 63°F air, wind from the south, and rain. Desert School had 72°F air, wind from the west, and no precipitation.

PART 3 • YOUR TURN (SAMPLE ANSWER)

Harbor Town | 56°F | east | rain Meadow Town | 68°F | north | no precipitation Meadow Town was warmer than Harbor Town, and the wind came from a different direction.

Accept any two clearly different invented locations with an air temperature, a wind source direction, and a precipitation report. The comparison sentence should correctly compare at least one weather detail from the student's table.