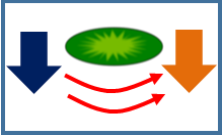


Name: _____

Date: _____



Problems



L.O. - To find the difference between temperatures on Mars



Below are further measurements from Mars's surface. Calculate the measurement changes.

1.

6am	1pm	6pm
-8°C	12°C	4°C

- a) What is the **difference** between the temperature at 6am and the temperature at 1pm? °C
- b) At 8pm the temperature **decreases** by 7 degrees compared to 6pm. What was the temperature at 8pm? °C

2.

7am	2pm	8pm
-12°C	-8°C	9°C

- a) What is the **difference** between the temperature at 2pm and the temperature at 8pm? °C
- b) At 5am the temperature **decreases** by 8 compared to 7am. What was the temperature at 5am? °C

3.

9am	3pm	4pm
-22°C	-12°C	-7°C

- a) What is the **difference** between the temperature at 9am and the temperature at 3pm? °C
- b) At 5pm the temperature **increases** by 9 degrees compared to 4pm. What was the temperature at 7am? °C

4.

6am	1pm	6pm
-22°C	17°C	15°C

- a) What is the **difference** between the temperature at 6am and the temperature at 1pm? °C
- b) At 10pm the temperature **decreases** by 18 degrees compared to 6pm. What was the temperature at 10pm? °C

5.

2pm	3pm	9pm
-20°C	-22°C	-37°C

- a) What is the **difference** between the temperature at 9pm and the temperature at 3pm? °C
- b) At 1pm the temperature **increases** by 6 degrees compared to 2pm. What was the temperature at 1pm? °C

6.

5am	6am	7am
-72°C	-56°C	-22°C

- a) What is the **difference** between the temperature at 5am and the temperature at 7am? °C
- b) At 11am the temperature **increases** by 39 degrees compared to 7am. What was the temperature at 11am? °C

7.

4am	7am	11am
-86°C	-32°C	28°C

- a) What is the **difference** between the temperature at 7am and the temperature at 11am? °C
- b) At 8pm the temperature **decreases** by 76 degrees compared to 11am. What was the temperature at 8pm? °C