

Q4 (Temperature Change) Day 85 Name: _____

1. Ice cream is put in the freezer at **12 pm** on Monday. Its temperature is **4°C** at the time. Its temperature **decreases** by **1°C** for **every hour** it is in the freezer. What is the temperature of the ice cream at **3 pm** on Monday? Write your answer in the space below.

_____ °C

2. Soup is put in the microwave at **12:00 pm**. Its temperature is **3°C** at the time. Its temperature **increases** by **1°C** for **every minute** it is in the microwave. What is the temperature of the soup at **12:04 pm**? Write your answer in the space below.

_____ °C

3. Ice cream is put in the freezer at **1 pm** on Monday. Its temperature is **3°C** at the time. Its temperature **decreases** by **1°C** for **every hour** it is in the freezer. What is the temperature of the ice cream at **5 pm** on Monday? Write your answer in the space below.

_____ °C

4. Soup is put in the microwave at **1:05 pm**. Its temperature is **-1°C** at the time. Its temperature **increases** by **1°C** for **every minute** it is in the microwave. What is the temperature of the soup at **1:12 pm**? Write your answer in the space below.

_____ °C

5. Ice cream is put in the freezer at **2 pm** on Monday. Its temperature is **5°C** at the time. Its temperature **decreases** by **1°C** for **every hour** it is in the freezer. What is the temperature of the ice cream at **8 pm** on Monday? Write your answer in the space below.

_____ °C

6. Soup is put in the microwave at **2:13 pm**. Its temperature is **-4°C** at the time. Its temperature **increases** by **1°C** for **every minute** it is in the microwave. What is the temperature of the soup at **2:21 pm**? Write your answer in the space below.

_____ °C

7. Ice cream is put in the freezer at **3 pm** on Monday. Its temperature is **7°C** at the time. Its temperature **decreases** by **2°C** for **every hour** it is in the freezer. What is the temperature of the ice cream at **9 pm** on Monday? Write your answer in the space below.

_____ °C

8. Soup is put in the microwave at **3:26 pm**. Its temperature is **-7°C** at the time. Its temperature **increases** by **2°C** for **every minute** it is in the microwave. What is the temperature of the soup at **3:40 pm**? Write your answer in the space below.

_____ °C

9. Ice cream is put in the freezer at **4 pm** on Monday. Its temperature is **9°C** at the time. Its temperature **decreases** by **2°C** for **every hour** it is in the freezer. What is the temperature of the ice cream at **11 pm** on Monday? Write your answer in the space below.

_____ °C

10. Soup is put in the microwave at **4:39 pm**. Its temperature is **-11°C** at the time. Its temperature **increases** by **2°C** for **every minute** it is in the microwave. What is the temperature of the soup at **5:00 pm**? Write your answer in the space below.

_____ °C

11. Ice cream is put in the freezer at **5 pm** on **Monday**. Its temperature is **11°C** at the time. Its temperature **decreases** by **3°C** for **every hour** it is in the freezer. What is the temperature of the ice cream at **1 am** on **Tuesday**? Write your answer in the space below.

_____ °C

12. Soup is put in the microwave at **5:52 pm**. Its temperature is **-21°C** at the time. Its temperature **increases** by **3°C** for **every minute** it is in the microwave. What is the temperature of the soup at **6:17 pm**? Write your answer in the space below.

_____ °C

Answers**1. 1****2. 7****3. -1****4. 6****5. -1****6. 4****7. -5****8. 21****9. -5****10.31****11.-13****12.54**