

Q1 (Temperature Change) Day 51 Name: _____

1. Look at the table below. It shows the **melting points** of **three** substances. The three melting points are given in °C.

Substance	Melting Point °C
Mercury	-39
Bromine	-7
Francium	27

Room temperature is **17°C**. **How many degrees** is this **above** the melting point of **Bromine**? Write your answer in the space below.

_____ °C

2. Look at the table below. It shows the **melting points** of **three** substances. The three melting points are given in °C.

Substance	Melting Point °C
Radon	-71
Chlorine	-101
Sea Water	-2

Room temperature is **15°C**. **How many degrees** is this **above** the melting point of **sea water**? Write your answer in the space below.

_____ °C

3. Look at the table below. It shows the **melting points** of **three** substances. The three melting points are given in °C.

Substance	Melting Point °C
Canola Oil	-10
Argon	-189
Nitrogen	-210

Room temperature is **12°C**. **How many degrees** is this **above** the melting point of **canola oil**? Write your answer in the space below.

_____ °C

4. Look at the table below. It shows the **boiling points** of **three** substances. The three melting points are given in °C.

Substance	Boiling Point °C
Oxygen	-218
Freon	-29
Neon	-249

Room temperature is **19°C**. **How many degrees** is this **above** the boiling point of **freon**? Write your answer in the space below.

_____ °C

5. Look at the table below. It shows the **boiling points** of **three** substances. The three melting points are given in °C.

Substance	Boiling Point °C
Butane	-1
Helium	-272
Cesium	29

Room temperature is **25°C**. **How many degrees** is this **above** the boiling point of **butane**? Write your answer in the space below.

_____ °C

6. Look at the table below. It shows the **boiling points** of **three** substances. The three melting points are given in °C.

Substance	Boiling Point °C
Helium	-269
Hydrogen	-253
Neon	-6

Room temperature is **19°C**. **How many degrees** is this **above** the boiling point of **neon**? Write your answer in the space below.

_____ °C

7. Look at the table below. It shows the **boiling points** of **three** substances. The three melting points are given in °C.

Substance	Boiling Point °C
Carbon Dioxide	-57
Fluorine	-188
Argon	-186

Room temperature is **17°C**. **How many degrees** is this **above** the boiling point of **carbon dioxide**? Write your answer in the space below.

_____ °C

8. Look at the table below. It shows the **boiling points** of **three** substances. The three melting points are given in °C.

Substance	Boiling Point °C
Propane	-42
Krypton	-153
Xenon	-108

Room temperature is **15°C**. **How many degrees** is this **above** the boiling point of **propane**? Write your answer in the space below.

_____ °C

9. Look at the table below. It shows the **boiling points** of **three** substances. The three melting points are given in °C.

Substance	Boiling Point °C
Nitric Acid	-42
Chlorine	-253
Bromine	50

Room temperature is **21°C**. **How many degrees** is this **above** the boiling point of **nitric acid**? Write your answer in the space below.

_____ °C

10. Look at the table below. It shows the **melting points** of **three** substances. The three melting points are given in °C.

Substance	Melting Point °C
Mercury	-39
Bromine	-7
Francium	27

Room temperature is **13°C**. **How many degrees** is this **above** the melting point of **mercury**? Write your answer in the space below.

_____ °C

11. Look at the table below. It shows the **melting points** of **three** substances. The three melting points are given in °C.

Substance	Melting Point °C
Radon	-71
Chlorine	-101
Xenon	-112

Room temperature is **23°C**. **How many degrees** is this **above** the melting point of **radon**? Write your answer in the space below.

_____ °C

12. Look at the table below. It shows the **melting points** of **three** substances. The three melting points are given in °C.

Substance	Melting Point °C
Krypton	-157
Argon	-189
Nitrogen	-210

Room temperature is **17°C**. **How many degrees** is this **above** the melting point of **nitrogen**? Write your answer in the space below.

_____ °C

Answers**1. 24****2. 17****3. 22****4. 48****5. 26****6. 25****7. 74****8. 57****9. 63****10.52****11.94****12.227**