

Outcome 2 - Temperature rise/fall

Bronze examples

Examples...

The temperature was 5°C .
It then **FELL** by 9°C . What
is the new temperature?

$$5 - 9 = -4^{\circ}\text{C}$$

The temperature was 2°C .
It then **FELL** by 10°C . What
is the new temperature?

$$2 - 10 = -8^{\circ}\text{C}$$


Silver examples

Examples...

The temperature was -4°C .
It then **ROSE** by 9°C . What
is the new temperature?

$$-4 + 9 = 5^{\circ}\text{C}$$

The temperature was -9°C .
It then **ROSE** by 7°C . What
is the new temperature?

$$-9 + 7 = -2^{\circ}\text{C}$$


Bronze Questions

Calculate the new temperatures for the following...

- | | |
|--|--|
|  1 Old temp = 10°C
Fall = 5°C
New temp = ? |  2 Old temp = 6°C
Fall = 2°C
New temp = ? |
|  3 Old temp = 4°C
Fall = 8°C
New temp = ? |  4 Old temp = 6°C
Fall = 7°C
New temp = ? |
|  5 Old temp = 10°C
Fall = 18°C
New temp = ? |  6 Old temp = 9°C
Fall = 11°C
New temp = ? |
|  7 Old temp = 7°C
Fall = 14°C
New temp = ? |  8 Old temp = 21°C
Fall = 25°C
New temp = ? |

Silver Questions

Calculate the new temperatures for the following...

- | | |
|---|---|
|  1 Old temp = -4°C
Rise = 6°C
New temp = ? |  2 Old temp = -1°C
Rise = 1°C
New temp = ? |
|  3 Old temp = -7°C
Rise = 11°C
New temp = ? |  4 Old temp = -8°C
Rise = 9°C
New temp = ? |
|  5 Old temp = -8°C
Rise = 4°C
New temp = ? |  6 Old temp = -11°C
Rise = 8°C
New temp = ? |
|  7 Old temp = -19°C
Rise = 13°C
New temp = ? |  8 Old temp = -20°C
Rise = 15°C
New temp = ? |

Bronze Answers

- | | |
|-------------------------|-------------------------|
| 1. 5°C | 2. 4°C |
| 3. -4°C | 4. -1°C |
| 5. -8°C | 6. -2°C |
| 7. -7°C | 8. -4°C |

Silver Answers

- | | |
|-------------------------|-------------------------|
| 1. 2°C | 2. 0°C |
| 3. 4°C | 4. 1°C |
| 5. -4°C | 6. -3°C |
| 7. -6°C | 8. -5°C |