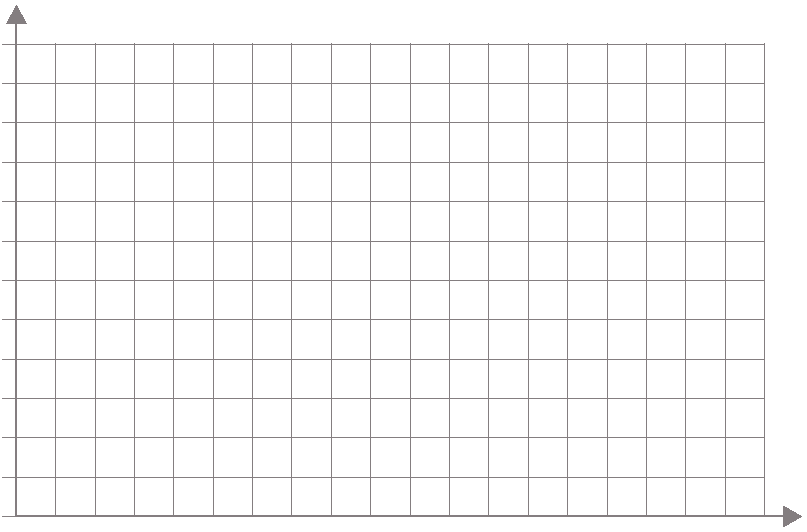
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Siedend heiss** | | | | |  |  |  |  |  |  |  |  | **AB 15** | | |
| Siedetemperatur von Wasser | | | | |  |  |  |  |  |  |  |  |  |  |  |
| 1. Notiere deine Messwerte in der untenstehenden Tabelle. Notiere auch Beobachtungen. | | | | | | | | | | | |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Zeit [min/s] | **0 s** | **20 s** | **40 s** | **1 min** | **1 min** | **1 min** | **2 min** | **2 min** | **2 min** | **3 min** | **3 min** | **3 min** | **4 min** |  |
|  |  |  |  |  |  | **20 s** | **40 s** |  | **20 s** | **40 s** |  | **20 s** | **40 s** |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Temperatur [°C] |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Beobachtung |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |
|  | Zeit [min/s] | **4 min** | **4 min** | **5 min** | **5 min** | **5 min** | **6 min** | **6 min** | **6 min** | **7 min** | **7 min** | **7 min** | **8 min** | **8 min** |  |
|  |  | **20 s** | **40 s** |  | **20 s** | **40 s** |  | **20 s** | **40 s** |  | **20 s** | **40 s** |  | **20 s** |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Temperatur [°C] |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Beobachtung |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |
|  | Zeit [min/s] | **8 min** | **9 mi** | **9 min** | **9 min** | **10 min** | **10 min** | **10 min** | **11 min** | **11 min** | **11 min** | **11 min** | **11 min** | **11 min** |  |
|  |  | **40 s** |  | **20 s** | **40 s** |  | **20 s** | **40 s** |  | **20 s** | **40 s** |  | **20 s** | **40 s** |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Temperatur [°C] |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Beobachtung |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |



1. Übertrage die Werte aus der Tabelle in das Temperatur-Zeit-Diagramm. Verbinde die Punkte im Diagramm zu einer Linie.



|  |
| --- |
| Temperatur [°C] |

120

110

100

90

80

70

60

50

40

30

20

10

0

Zeit [s]

1. Was fällt dir an deiner Temperaturlinie auf? Beschreibe in 2–3 Sätzen.
2. Bei welcher Temperatur siedet Wasser? Woran erkennst du das? Notiere 2–3 Sätze.

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